

Search Report from Ginger R. DeMille

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 (c) 2004 FIZ TECHNIK  
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 File 570:Gale Group MARS(R) 1984-2004/Aug 27  
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Set	Items	Description
S1	129332	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?)(5N)(REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	16894	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	3075	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE)(3N)(REPAIR OR FIX?)(3N)(SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	6163	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	10270032	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	216	(S2:S4)(8N)S5(8N)(SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	3084	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SY-

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STEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? -  
OR OPTIMIZ?)

S8 169 S1(10N) TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD?  
OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N) S5

S9 4861 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S10 4861 (TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (R-  
EPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)

S11 0 S6(3S) S9

S12 0 S8(3S) S9

S13 0 S6(2S) S9

S14 6 S8(2S) (OPTIMIS? OR OPTIMIZ?)

S15 5 RD (unique items)

S16 382 S6 OR S8 OR S15

S17 162 S16 NOT PY>2000

S18 85 RD (unique items)

?

? t18/3,k/all

**18/3,K/1 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01844616 04-95607

**Designing of a production ordering system for automobile repair parts**

Hiraki, Shusaku; Ishii, Kazuyoshi; Katayama, Hiroshi

International Journal of Production Economics v60-61 PP: 289-294 Apr 20, 1999

ISSN: 0925-5273 JRNL CODE: EPE

...ABSTRACT: satisfies users' demand with low inventory. The characteristics of a time-series demand structure of **automobile repair parts** are **analyzed** and a **production** system is proposed for those parts which are supplied to overseas markets in the form...

**18/3,K/2 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01678395 03-29385

**Two cheers for the virtual office**

Davenport, Thomas H; Pearlson, Keri

Sloan Management Review v39n4 PP: 51-65 Summer 1998

ISSN: 0019-848X JRNL CODE: SMZ

WORD COUNT: 9099

...TEXT: the same time. Many mobile workers feel that companies use technologies to control them. From **truck** drivers to elevator **repair** workers, we have found examples of attempts to outwit or sabotage systems that connect workers to their firms and **monitor** their **productivity** and location. Firms that implement these systems should go easy on the monitoring and control...

**18/3,K/3 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01615204 02-66193

**The evolution of estimating systems at Kodak**

Hollmann, John K; Dysert, Larry R

Transactions of AACE International PP: ES81-ES86 1996

ISSN: 1074-7397 JRNL CODE: AEE

WORD COUNT: 4959

...TEXT: tools used at Kodak.

**SUMMARY OF CURRENT STATUS**

As with the mechanic at the local **automotive repair shop**, tools are a key contributor to an estimator's **productivity**. The various **software** systems described in this paper constitute the tool set of the capital estimating department at...

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**18/3,K/4 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01448836 00-99823

**Applying just in time to safety and health**

Pierce, F David  
Occupational Health & Safety v66n4 PP: 65-69 Apr 1997  
ISSN: 0362-4064 JRNL CODE: OHS  
WORD COUNT: 3483

...TEXT: up-time, the focus is on the effective time the machine is being used in **production** .

As an analogy, think of **tracking** downtime as how often your **car** is in the shop for **repairs** and how much it costs to get it fixed. Interesting data, but not very useful...

**18/3,K/5 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01277591 99-26987

**Repair or replace??**

Anonymous  
Modern Materials Handling v51n10 PP: 10-11 Aug 1996  
ISSN: 0026-8038 JRNL CODE: MMH

...ABSTRACT: materials handling systems. According to Tom Landers of U of A's Logistics Institute, most **production** equipment such as lift **trucks** is **repairable** , but few users **track** the failure patterns and even fewer use **analysis** methods best suited for repairable systems. By analyzing the maintenance history of approximately 100 lift...

**18/3,K/6 (Item 6 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01091889 97-41283

**British companies win major Chinese contract for mine-vehicle tracking system**

Anonymous  
Sensor Review v15n3 PP: 41-42 1995  
ISSN: 0260-2288 JRNL CODE: SEN  
WORD COUNT: 436

...TEXT: vehicles. Operator-steered vehicles are increasingly being used in modern mines to improve flexibility and **productivity** over **fixed** rail **vehicles** , and the **tracking** system is designed to ensure safe, accident-free operation and maximum **productivity** .

The mine has over 15km of underground roadway and needs to **track** 20 underground vehicles of different types carrying coal, equipment and people. The vehicle monitoring system...

18/3,K/7 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00788858 94-38250

**Reflections on refuse collection management**

Knapp, William

World Wastes v36n11 PP: 22-26 Nov 1993

ISSN: 0745-6921 JRNL CODE: WWA

WORD COUNT: 2338

...TEXT: Albuquerque, N.M., ranked his priorities as state-of-the-art services, a comprehensive, integrated **program** with trained staff, good equipment, functional facilities and environmental preservation. In turn, he said, these priorities provide **efficiencies** that will keep costs down.

Romo's recent developments include a new landfill, a driver certification **program**, new **vehicle** maintenance and **repair facilities**, an intermediate recycling processing facility and siting of convenience centers around the city. He has....

18/3,K/8 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00715683 93-64904

**The hot new seal of quality**

Henkoff, Ronald

Fortune v127n13 PP: 116-120; Asian 62-65 Jun 28, 1993

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 2195

...TEXT: more reliable nuclear missile. But they provide framework for showing customers how you test products, **train** employees, keep **records**, and **fix** defects. Think of ISO 9000 not as another variant of **total quality** management but as a set of generally accepted accounting principles for documenting quality procedures. With...

18/3,K/9 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00611389 92-26492

**How TTX Tracks Quality**

Welty, Gus

Railway Age v193n4 PP: 29-33 Apr 1992

ISSN: 0033-8826 JRNL CODE: RAA

WORD COUNT: 3708

...ABSTRACT: quality issues, externally and internally, with a whole new focus which includes: 1. the Supplier **Evaluation** Committee, which was set up last year to evaluate the performance of carbuilders, component suppliers, and **car repair shops**, 2. the **Total Quality Management program**, also adopted in 1991, which reflects a companywide commitment to full conformance to the requirements...

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...TEXT: after quality issues, externally and internally, with a whole new focus which includes:

--The **Supplier Evaluation** Committee (SECO) which was set up last year to evaluate the performance of carbuilders, component suppliers, and **car repair shops**.

--The **Total Quality Management (TQM)** program also adopted in 1991 which reflects "a company-wide commitment to full conformance to the..."

18/3,K/10 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00308372 86-08786

**Avoiding the Drive to Distraction**

Boley, John

Chief Executive PP: 49-50 Dec 1985

ISSN: 0140-8543 JRNL CODE: CEX

ABSTRACT: Fleet management services both increase fleet operating **efficiency** and reduce costs. Dramatic advances made in **automobile** construction demand more complex **repair** techniques. Extended warranties on numerous items require careful **record** keeping if full advantage is to be taken of them. Fleet management companies can provide...

18/3,K/11 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08167862 Supplier Number: 68369498 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International and Kar Grabber Receive Awards for Contributions to Puerto Rico Vocational School System.**

Business Wire, p0160

Dec 22, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 729

... International, founded in 1946 and with headquarters in San Diego, is the source for information **software** and e-**business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/12 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08123628 Supplier Number: 67723337 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International Launches Mitchell University -- the Online Learning Center.**

Business Wire, p0192

Dec 8, 2000

Search Report from Ginger R. DeMille

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 494

... International, founded in 1946 and headquartered in San Diego, California, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/13 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08123626 Supplier Number: 67723335 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International Announces Signing of Major Contracts in Brazil.**  
Business Wire, p0190  
Dec 8, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 605

... Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/14 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08123625 Supplier Number: 67723334 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International to Wirelessly Enable Its Internet Hub.**  
Business Wire, p0189  
Dec 8, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 556

... Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/15 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08123624 Supplier Number: 67723333 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International Delivers New Applications On Internet Hub for the**

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**Automotive Collision Repair and Claims Industry.**

Business Wire, p0188

Dec 8, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 749

... International, founded in 1946 and headquartered in San Diego, California, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

**18/3,K/16 (Item 6 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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08123623 Supplier Number: 67723332 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Wireless Allows Adjusters and Estimators to Remotely Transmit Claim Files and Estimates.**

Business Wire, p0187

Dec 8, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 685

... Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

**18/3,K/17 (Item 7 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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08123622 Supplier Number: 67723329 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Releases Internet Ready, Multi-Shop ABS Body Shop Management System.**

Business Wire, p0184

Dec 8, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 676

... Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

**18/3,K/18 (Item 8 from file: 16)**



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08121810 Supplier Number: 67709378 (USE FORMAT 7 FOR FULLTEXT)

**FOCUS ON ELECTRONICS. (Brief Article)**

Automotive Engineering International, v108, n11, p110  
Nov, 2000

Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Academic Trade  
Word Count: 1702

... latest stock information.

In addition to customer use, Bluetooth technology offers further applications in other **automotive** areas --from manufacture to **repair**. "If every **car** has a Bluetooth chip, it can be constantly **tracked** during **production**," according to Goschel. "We fit every car individually according to customer wishes. The logistics required..."

18/3,K/19 (Item 9 from file: 16)

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08100290 Supplier Number: 67536668 (USE FORMAT 7 FOR FULLTEXT)

**Stellcom Chosen by Mitchell International to Wirelessly Enable Customer Base.**

Business Wire, p0520  
Dec 4, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 737

... repair industry, to a wireless network.

The solutions will allow Mitchell, the source of information **software** and e- **business** solutions to the insurance and **automotive** collision **repair** industries, to drive **efficiency** throughout its industry and enable cost savings for its customer base. Mitchell's wireless tool...

...Mitchell International, founded in 1946 and headquartered in San Diego, is a provider for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/20 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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07953792 Supplier Number: 66450054 (USE FORMAT 7 FOR FULLTEXT)

**Parts cabinet program.**

Repair Shop Product News, v5, n5, p24  
Sept, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade

Search Report from Ginger R. DeMille

Word Count: 66

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Mopar's Cabinet **Program** is a great way to keep fast-moving parts on hand and neatly organized to improve your **automotive** service and **repair shop 's productivity** . As part of the **program** , participating DaimlerChrysler Corporation dealers will place a cabinet in **automotive** service and **repair shops** and then regularly stock and service it with fast-moving products such as filters, sensors...

18/3,K/21 (Item 11 from file: 16)

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07879383 Supplier Number: 65803743 (USE FORMAT 7 FOR FULLTEXT)

**Time-Saver.**

Campbell, Cathy

Truck Fleet Management, v78, n9, p44

Sept, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 925

... and analyze work orders, fuel, parts inventory, labor, preventive maintenance, tires and customer billing. Vehicle **Tracker** also will produce such reports as parts usage and stocking levels, fuel consumption, **mechanic productivity** and **vehicle** performance.

Available as an add-on is the Paperless Shop System, which allows the mechanic...

18/3,K/22 (Item 12 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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07872029 Supplier Number: 65765307 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Announces Nationwide Availability of**

**FirstEstimate.com, the First Internet-Based Estimating System.**

Business Wire, p0391

Oct 5, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 727

... Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity** , profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/23 (Item 13 from file: 16)

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07639418 Supplier Number: 63693275 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International and eStellarNet to Provide the Nation's First  
Transactions Hub for Auto Medical Claims.**

PR Newswire, p8524  
July 26, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 764

... we are very pleased to share."

About Mitchell International

Mitchell International, The Source of information **software** and e-  
**business** solutions for the insurance and **automotive repair** industries,  
provides services that enhance **productivity**, profitability and customer  
satisfaction. Headquartered in San Diego, Mitchell also has offices in  
Milwaukee and...

18/3,K/24 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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07582051 Supplier Number: 63515021 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell International Announces FirstEstimate.com, The First  
Internet-based Estimating System.**

PR Newswire, pNA  
July 18, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 428

... print, fax and/or e-mail."

About Mitchell International

Mitchell International, The Source of information **software** and e-  
**business** solutions for the insurance and **automotive repair** industries,  
provides services that enhance **productivity**, profitability and customer  
satisfaction. Headquartered in San Diego, Mitchell also has offices in  
Milwaukee and...

18/3,K/25 (Item 15 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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06530763 Supplier Number: 55321845 (USE FORMAT 7 FOR FULLTEXT)  
**Mitchell and ComSearch to Market ComSearch Redi-Part Locator.**

PR Newswire, p3711  
August 2, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 497

... be confident of obtaining the right parts on time."

Mitchell International, the Source of information **software** and  
**business** solutions for the insurance and **automotive repair** industries,  
provides services that enhance **productivity**, profitability and customer  
satisfaction. Headquartered in San Diego, Mitchell also has offices in  
Milwaukee and...

Search Report from Ginger R. DeMille

18/3,K/26 (Item 16 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06333420 Supplier Number: 54612886 (USE FORMAT 7 FOR FULLTEXT)  
**Insure.com Introduces Auto Theft Risk Finder..**  
PR Newswire, p8445  
May 12, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 522

... CCG), headquartered in Chicago, Ill., is the automotive claims industry's leading supplier of advanced **software** and communications systems. Its value-added, technology-based products and services increase **efficiency** and **facilitate** communication among more than 13,500 collision- **repair facilities**, 4,400 **automotive** dealerships, 350 insurance companies, and a range of business partners.  
The National Insurance Crime Bureau...

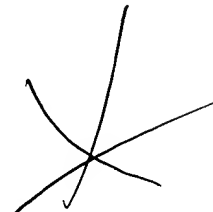
18/3,K/27 (Item 17 from file: 16)  
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05759217 Supplier Number: 50244496 (USE FORMAT 7 FOR FULLTEXT)  
**CCC's Vehicle History Report Available Via the Internet**  
PR Newswire, p813CGTH012  
August 13, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 525

... Services, headquartered in Chicago, Ill., is the automotive claims industry's leading supplier of advanced **software** and communications systems. Its value-added, technology-based products and services increase **efficiency** and **facilitate** communication among more than 13,000 collision **repair facilities**, 350 insurance companies, 4,000 **automobile** dealerships and a range of business partners. For more information about CCC Information Services Inc...

18/3,K/28 (Item 18 from file: 16)  
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05756434 Supplier Number: 50241082 (USE FORMAT 7 FOR FULLTEXT)  
**Monitoring flag time can boost profits**  
Marinucci, Dan  
Tire Business, p7  
August 3, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 697



Search Report from Ginger R. DeMille

... and how to assign work to each tech in your store, Mr. Turner said. Technician **efficiency** is the labor time you charge for a job divided by the time actually spent **fixing** the **vehicle**. If you collect an hour's labor from the customer and your tech actually spent an hour **fixing** the **car**, his **efficiency** on that job was 100 percent. But if it took him 90 minutes, his **efficiency** dropped to 66 percent.

Understandably, a computer is the best way to **track** and **analyze** efficiency. Good shop management programs let you review individual tech efficiency at a glance, he...

18/3,K/29 (Item 19 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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05386045 Supplier Number: 48189656 (USE FORMAT 7 FOR FULLTEXT)

**New moose mess delays Daimler's small Smart car**

Israel, Beatrix; Auer, Greg

Automotive News, p4

Dec 22, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 405

... car is swerved abruptly at about 37 mph. A-class deliveries were stopped pending a **fix**, and **production** of the revised **car** is scheduled to begin Jan. 12.

According to published reports in Germany, Schrempp was at a test **track** in Spain for a new moose test of the revised A class in early December...

18/3,K/30 (Item 20 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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04594508 Supplier Number: 46755296

**Porsche Boxster.**

Automotive Industries, p97

Oct, 1996

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...Germany's two-seater sport vehicle market. The 1997 Boxster benefited from innovations in Japanese **production** technology which is the first Porsche **vehicle** built since the firm **overhauled** its engineering and **production** lines. The Boxster was designed under a **record** 42 months and is being offered at \$39,980 in the US, thanks to the...

18/3,K/31 (Item 21 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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03829947 Supplier Number: 45474299 (USE FORMAT 7 FOR FULLTEXT)

**COST DRIVERS**

U.S. Distribution Journal, p28

Search Report from Ginger R. DeMille

April 15, 1995

Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1694

A program for **tracking** lift truck operating expenses can help determine optimal utilization, driver **productivity**, and replacement intervals.

Do you assume that your lift **truck** operations are a **fixed** and continuing cost over which you have no real control? Have you wondered how your...

**18/3,K/32      (Item 22 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03733128      Supplier Number: 45294525 (USE FORMAT 7 FOR FULLTEXT)  
**Phillips Service Industries Inc.**  
Automotive News, v0, n0, p37  
Jan 30, 1995  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 191

...      Ford.

Two years ago, Phillips launched an entire new business, which it calls RAC, to **track**, fetch and certify critical parts for **automotive production** machinery. RAC stands for **Repairable** Asset Control.

Marketing services manager Bob Phillips said manufacturers hire his company to control their...

**18/3,K/33      (Item 23 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03368601      Supplier Number: 44672491  
**Antrak to Improve Maintenance Facility**  
Journal of Commerce and Commercial, pB2  
May 12, 1994  
Language: English      Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...its heavy maintenance facility in Beech Grove, IN. The money will improve the equipment repair **tracks** that serve the major **production** buildings at the 120-acre passenger **car** and locomotive **repair** facility.

**18/3,K/34      (Item 24 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02847074      Supplier Number: 43831788 (USE FORMAT 7 FOR FULLTEXT)  
**ANALYTIC SURVEYS SIGNS \$2.4 MILLION CONTRACT WITH CITY OF OMAHA**  
News Release, p1

Search Report from Ginger R. DeMille

May 11, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 394

... provide substantial benefits including prompt and accurate handling of citizen inquiries and complaints, increased employee **productivity**, and improved planning for snow removal, motor **vehicle** safety, and street **repair** and maintenance.

... Analytical Surveys' backlog is at its **record**-tying high of \$11.6 million. This backlog includes the \$2.4 million Omaha contract...

**18/3,K/35 (Item 25 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

02427450 Supplier Number: 43196227 (USE FORMAT 7 FOR FULLTEXT)

**Market Analysis: Auto Repair/Maintenance**

Business Tech Romania, v1, n6, pN/A

August, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1635

... controls, Romania would soon become one of the biggest junk yards of Europe.

**Equipment for Car Repair /Maintenance -- Market Analysis**

(Millions U.S. \$)

	1989	1990	1991 Est.	1992-94 *
Import	1.1	0.6	1.9	200%
Local <b>Production</b>	18.0	20.2	1.0	-
Exports	2.0	1.0	0.1	-
Total Market...				

**18/3,K/36 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

12929467 SUPPLIER NUMBER: 67642095 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**DAIMLERCHRYSLER SAVING MILLIONS IN WARRANTY COSTS. (DaimlerChrysler Corp.'s**

**Quality Engineering Center) (Brief Article)**

Ward's Dealer Business, 35, 3, 12

Nov, 2000

DOCUMENT TYPE: Brief Article ISSN: 1086-1629 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 299 LINE COUNT: 00027

... engines with warranty claims.

The Quality Engineering Research Garage is where employees bring their own **vehicles** for **repair**. It also services DCC's 18,000 corporate-owned vehicles and pilot vehicles being **evaluated** prior to **production**.

Search Report from Ginger R. DeMille

Engineers performing an ordinary lube job can detect a failure in the making and confiscate...

18/3,K/37 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

12293577 SUPPLIER NUMBER: 63139006 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DMS: Taking Care Of Business.**  
Dealernews, 36, 7, 38  
July, 2000  
ISSN: 0893-2522 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 878 LINE COUNT: 00077

... module pairs customers with potential vehicles, determines appropriate F&I plans, and calculates profitability of **vehicle** sales. The Service module **tracks** **repair** orders and payments, generates service histories and measures the **productivity** of shop mechanics. Finally, the Accounting module creates customer spending profiles, measures profit centers, and...

18/3,K/38 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

11449136 SUPPLIER NUMBER: 56949192 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Dependence on numbers. (significance of statistical information on the gas and oil industries) (Brief Article)**  
Offshore, 59, 9, 8(1)  
Sept, 1999  
DOCUMENT TYPE: Brief Article ISSN: 0030-0608 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 431 LINE COUNT: 00038

... condition of the reservoir and equipment, multiphase measurement is inherently anomalous, and huff-and-puff **production** techniques, workovers, and **production train** **overhauling** make estimating challenging.

\* Politics: Too often, cumulative **production** figures are part of the national political process, to be massaged and masticated to favor some agenda. Data **analysts** often are presented with flow reports from three different sources - producer, transporter, and government - but...

18/3,K/39 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09385483 SUPPLIER NUMBER: 19250958  
**Scheduling of flexible flow lines in an automobile assembly plant. (Feature Issue: Large-Scale, High-Priced Applications)**  
Agnetis, A.; Pacifici, A.; Rossi, F.; Lucertini, M.; Nicoletti, S.; Nicolo, F.; Oriolo, G.; Pacciarelli, D.; Pesaro, E.  
European Journal of Operational Research, v97, n2, p348(15)  
March 1, 1997  
ISSN: 0377-2217 LANGUAGE: English RECORD TYPE: Abstract



Search Report from Ginger R. DeMille

ABSTRACT: The material flow process in the dashboard area and the **mechanic** area of an automated **automobile** assembly facility was characterized as part of a cost benefit **analysis** of several dynamic dispatching rules. Consequently, simulation experiments under varying **production** conditions were performed using WITNESS. The results demonstrated the superiority of the matching rule over...

18/3,K/40 (Item 5 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08810910 SUPPLIER NUMBER: 18490698 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Automated depot maintenance scheduling system boosts efficiency and productivity at Red River Army Depot.**

Business Wire, p7081053

July 8, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 467 LINE COUNT: 00043

... the implementation of advanced information technology was key to streamlined operations, reduced costs, and increased **efficiency** and throughput.

The Red River Army Depot is responsible for both the **overhaul** and remanufacturing of Army **tracked vehicles**, and this year has begun working on Army and Marine Corps wheeled vehicles, as well...

18/3,K/41 (Item 6 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07911572 SUPPLIER NUMBER: 16948537 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Nordic mining. (improved mining technology leads to better productivity in Finland, Norway and Sweden)**

Casteel, Kyran

World Mining Equipment, v19, n4, p12(8)

May, 1995

ISSN: 0746-729X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4933 LINE COUNT: 00382

... horizontal rail transport system on level 775 will be transferred in phases to the 1045 **Track** Level, two trains initially, the others as **production** in the present mining area is reduced. As with the winding equipment, the **trains** will be **overhauled** during their move. However, computer simulations have helped the planners restrict double tracking to the...

18/3,K/42 (Item 7 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

06803688 SUPPLIER NUMBER: 15162708 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Reflections on refuse collection management. (Collection) (Cover Story)**

Romo, Gene; Kees, Steve; Leichner, Mike; Woodruff, Micheal; Knapp, Bill

World Wastes, v36, n11, p22(4)

Nov, 1993

Search Report from Ginger R. DeMille

DOCUMENT TYPE: Cover Story      ISSN: 1064-8429      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 2956      LINE COUNT: 00242

... Albuquerque, N.M., ranked his priorities as state-of-the-art services, a comprehensive, integrated **program** with trained staff, good equipment, functional facilities and environmental preservation. In turn, he said, these priorities provide **efficiencies** that will keep costs down.

Romo's recent developments include a new landfill, a driver certification **program**, new **vehicle** maintenance and **repair facilities**, an intermediate recycling processing facility and siting of convenience centers around the city. He has...

**18/3,K/43      (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05834930      SUPPLIER NUMBER: 11863636      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Maintaining productive earthmover performance.**

Chadwick, John

Mining Magazine, v166, n1, p20(6)

Jan, 1992

ISSN: 0308-6631      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 4243      LINE COUNT: 00340

... good maintenance system? Just three key elements:

- \* Timely routine servicing
- \* Active and complete machine condition **evaluation**
- \* Informative **records**

Many earthmover manufacturers offer extensive services to assist with **optimizing machine productivity**. Caterpillar, for example, offers a line of Equipment Management Software including **Repair**, Rebuild, Replace **Analysis** (RRR), **Vehicle** Simulation (VEHSIM), Earthmoving Fundamentals (EMF), Fleetmatch (to determine the duration and costs of jobs, and...

**18/3,K/44      (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05761871      SUPPLIER NUMBER: 11755169      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Urban transit provision in Ontario: a public/private sector cost**

**comparison.**

Kitchen, Harry

Public Finance Quarterly, v20, n1, p114(15)

Jan, 1992

ISSN: 0048-5853      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 3175      LINE COUNT: 00262

... the private sector when compared with the public sector. With few exceptions, the opposite is **observed**; that is, the revenue **vehicle** kilometer per **mechanic** is lower in the private sector, thus suggesting the possibility of greater maintenance **efficiency**, not lesser.

Finally, the extent to which transit vehicles are used may contribute to per...

Search Report from Ginger R. DeMille

18/3,K/45 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05565683 SUPPLIER NUMBER: 11622839 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Integrated process enhances auto assembly.**

Assembly, v34, n9, p29(3)

Nov-Dec, 1991

ISSN: 1050-8171

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 962

LINE COUNT: 00077

... six areas--mostly in the body and paint shops--workers remove selected cars out of **production** for quality or processing reasons and later reinsert the vehicles into the sequence at random. **Vehicles** are locked into **fixed production** sequence only in the trim shop.

EDS and GM engineers jointly devised a **tracking** system that uses an automatic vehicle identification (AVI) tag. A wallet-size radio frequency device...

18/3,K/46 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05230404 SUPPLIER NUMBER: 10829275 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Productivity in industry and government, 1989.**

Carnes, Richard B.

Monthly Labor Review, v114, n5, p23(11)

May, 1991

CODEN: MLARA

ISSN: 0098-1818

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT

WORD COUNT:

4910

LINE COUNT: 00409

... added while occupancy rates and per person expenditures on food and beverages slowed. Increases in **productivity** were **recorded** in beauty and barber shops, 5.7 percent, laundry and cleaning services, 2.6 percent, and **automotive repair** shops, 2.2 percent.

Labor **productivity** trends

Labor **productivity** in over 90 percent of the measured industries increased over the long term. Among the...

18/3,K/47 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05220579 SUPPLIER NUMBER: 11306578 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Business 400; not just for catalogs. (Management Software) (evaluation)**

Schell, Ernest H.

Catalog Age, v8, n3, p147(2)

March, 1991

DOCUMENT TYPE: evaluation

ISSN: 0740-3119

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT:

2269

LINE COUNT: 00197

... other modules included in the Business 400 family: production management/scheduling, job costing and time **recording**, material requirements planning, **production** control and costing, capacity planning,

Search Report from Ginger R. DeMille

distribution requirements planning, equipment servicing and **vehicle fleet** control. A payroll and **fixed** assets module is also available, as well as a financial modeler and business modeler (with...

**18/3,K/48 (Item 13 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

04589285 SUPPLIER NUMBER: 09035937 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Equipment management software guide. (buyers guide)**

Construction Equipment, v81, n6, p71(5)

May 15, 1990

DOCUMENT TYPE: buyers guide ISSN: 0192-3978 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2603 LINE COUNT: 00242

... Price: Not available.

High Point Systems

Features: For fleets of up to 500 units, VERCS ( **Vehicle** and Equipment **Repairs** and Costing System) automates PM scheduling, **tracks** equipment cost, prepares work order histories, **analyzes production** units, reports shop labor performance, and **tracks** stock parts and fuel and oil usage. Hardware: PC-DOS and MS-DOS microcomputers. Requires...

**18/3,K/49 (Item 14 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

04587624 SUPPLIER NUMBER: 09042835 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Directory of software and services. (directory)**

Traffic Management, v29, n5, p58(15)

May, 1990

DOCUMENT TYPE: directory ISSN: 0041-0691 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 8966 LINE COUNT: 00876

... Ultramain Fleet Maintenance System. Software Solutions Unlimited. Ultramain enables managers to control every aspect of **fleet** maintenance, including equipment- **repairs tracking**, work-order **tracking**, preventive-maintenance, forecasting, serialized inventory control, cost **monitoring**, replacement **analysis**, and employee- **productivity** management.

Several other products are available from Software Solutions:  
341/Ultramain Assemblies Tracking. 342/Ultramain...

**18/3,K/50 (Item 15 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

03915034 SUPPLIER NUMBER: 07607391 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**1989 fifth annual directory of software and services. (Software and Services Listings) (directory)**

Traffic Management, v28, n5, p66(15)

May, 1989

DOCUMENT TYPE: directory ISSN: 0041-0691 LANGUAGE: ENGLISH

1827-Aug-0405:55 PM

Search Report from Ginger R. DeMille

RECORD TYPE: FULLTEXT

WORD COUNT: 9806 LINE COUNT: 00938

... Ultramain Fleet Maintenance System. Software Solutions Unlimited. Ultramain enables managers to control every aspect of **fleet** maintenance, including equipment- **repairs tracking**, work-order **tracking**, preventive maintenance forecasting, serialized inventory control, cost **monitoring**, replacement **analysis**, and employee- **productivity** management.

Freight-Rate Maintenance/Auditing

These software packages enable the user to maintain a database...

18/3,K/51 (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

03867897 SUPPLIER NUMBER: 07402923 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Silver has qualities that inventors demand. (Silver)**

Lutley, John

American Metal Market, v97, n37, p14(2)

Feb 23, 1989

ISSN: 0002-9998 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 909 LINE COUNT: 00076

... in Europe, Asia and the U.S.

The card could provide a permanent individual medical **record**, a permanent machinery or **automobile repair record**, and as an efficient way of distributing technical manuals that can be regularly updated. The company is projecting a **production** of 40 million cards per year.

PHOTO : SMALL CARD developed by Drexler Technology Corp. can...

18/3,K/52 (Item 17 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

03524086 SUPPLIER NUMBER: 06439936 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Affiliated's new ambitions. (Affiliated Food Stores; includes related article on ceo Clark Ogle) (company profile)**

Zwiebach, Elliot

Supermarket News, v38, n24, p1(2)

June 13, 1988

DOCUMENT TYPE: company profile ISSN: 0039-5803 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1336 LINE COUNT: 00104

... Ogle explained, while the sales increase followed personnel changes resulting in marketing modifications and cost **efficiencies**.

Savings in labor, the warehouse budget, pallet **repairs**, **fleet** maintenance and expense accounts enabled Affiliated to increase profits and pay a **record** patronage dividend of \$9.4 million, Ogle noted.

Affiliated reduced labor and salary costs from...

18/3,K/53 (Item 18 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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Search Report from Ginger R. DeMille

03522762 SUPPLIER NUMBER: 06762225 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Productivity shows a decline in automotive repair shops.**  
Olsen, John G.; Carnes, Richard B.  
Monthly Labor Review, v111, n3, p22(5)  
March, 1988  
CODEN: MLARA ISSN: 0098-1818 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 3106 LINE COUNT: 00255

... found in small automotive repair shops often are ill suited for such sophisticated diagnosis and **repair** work.

According to some **automotive** service industry **analysts**, a shortage of adequately trained mechanics also has affected industry **productivity**. Technological innovations have occurred so rapidly, particularly in automotive electronics, that it is difficulty or...

**18/3,K/54 (Item 19 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02336193 SUPPLIER NUMBER: 03798163 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**How effective can a truck routing system be?**  
Promisel, Robert B.  
Handling & Shipping Management, v26, p59(3)  
June, 1985  
ISSN: 0194-603X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1826 LINE COUNT: 00145

... disorganized. Deliveries to the six distribution centers were being scheduled inefficiently and the local delivery **trucks** were working without **fixed** routers or schedules.

A preliminary **analysis** of the data indicated that the prime area for **productivity** improvement, and thus cost savings, would be in developing and implementing a conrolled network for...

**18/3,K/55 (Item 20 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02316581 SUPPLIER NUMBER: 03756262 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Distribution computer software and services directory.**  
Handling & Shipping Management, v26, p47(14)  
May, 1985  
ISSN: 0194-603X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4126 LINE COUNT: 00433

... the service life of your equipment. Many of these packages keep tabs on fuel and **vehicle** costs, **mechanic productivity**, and driver **records**. For additional information, write in 476 on the Reader Service Card.

- \* **Analysis**, Inc. CATOC-Vehicle Maintenance Reporting System
- \* ATE Data, Inc. EZ Fleet
- Bristol Information Systems, Inc...

**18/3,K/56 (Item 21 from file: 148).**

Search Report from Ginger R. DeMille

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02032069 SUPPLIER NUMBER: 03326379 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A maintenance management system for nonprogramming users. (column)**  
Katzel, Jeanine  
Plant Engineering, v88, p80(2)  
June 28, 1984  
DOCUMENT TYPE: column ISSN: 0032-082X LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 695 LINE COUNT: 00054

... codes, special account codes, shop and trade codes, and an employee list code.

The maintenance **records** programs included in the system are **fixed** machinery, portable equipment, **vehicles**, **production** machinery, special equipment, general, rooms, building exteriors, and grounds. A printout of a fixed machinery **record** is shown below.

THE CHIEF software is suitable for a maintenance department with personnel who...

**18/3,K/57 (Item 22 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

01521131 SUPPLIER NUMBER: 02202264  
**Selecting and financing new equipment.**  
Boyd, Charles  
Super Service Station, v105, p58(4)  
Feb, 1982  
ISSN: 0039-5676 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: fullest as must the dollar return on every available square foot of space in an **automotive repair** shop. Frequent **analysis** of a station's equipment and machines help keep costs down and **production** up. Criteria for selecting and leasing tools are discussed.

**18/3,K/58 (Item 1 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02083989  
**Airplane Production, Parts Sales, and Repair Service Figure Slips 1,5% in September**  
Comline Transportation November 30, 1988 p. 6

... value. September was the third consecutive month in which a year-to-year decrease was **recorded**. **Production** of airplanes in monetary terms dropped 20.0% from September 1987, to 23.743 billion yen. **Repair** and maintenance of **airplanes** decreased 17.0% to 4,364 million yen.

**18/3,K/59 (Item 2 from file: 160)**  
DIALOG(R)File 160:Gale Group PROMT(R)  
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Search Report from Ginger R. DeMille

01895125

Airplane Production , Repair , Maintenance, and Parts Sales Hits  
Record High  
Comline Transportation, March 1, 1988 p. 7

Airplane Production , Repair , Maintenance, and Parts Sales Hits  
Record High

18/3,K/60 (Item 3 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
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01518973

**Heavy-duty electricks.**

AUTOMOTIVE NEWS November 24, 1986 p. d14

... will be: Higher utilization of vehicles due to knowing the exact location and condition of **vehicles** which permits timely **repair** and maintenance; lowered operating costs due to the fuel **efficiency** gained from **optimized** engine control, adaptive aerodynamic control and tire pressure **monitoring** ; and lowered insurance costs due to improved safety gained from automatic brakes, coordinated steering and...

18/3,K/61 (Item 4 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01086081

**Mitteilungen:Wirtschaftslage in Taiwan:/Industrieprodukte.**

Nachrichten fur Aussenhandel September 25, 1984 p. s3,414  
Language: German

PRODUCT NAME: Industrial **Production** ; Electric Ranges; Color Television; Phonographs ex Radio Combinations; Home Tape **Recorders** ; Electronic Calculators; Shipbuilding & **Repair** ; Motor **Vehicles** ; Photographic Equip & Supplies; Electric Power Generating

18/3,K/62 (Item 5 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
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00412027

**British Leyland has closed its Speke, England, TR-7 assembly plant.**

Automotive News March 6, 1978 p. 22

This is the first step in the new program to trim **fixed** costs, reduce the Leyland **Cars** labor force and improve the **efficiency** of the firm. The TR-7 assembly facility had the poorest **record** in the company for **efficiency** , quality control and labor disputes. The move will cause an interruption of several months in...

18/3,K/63 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

2227-Aug-0405:55 PM



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01304272 SUPPLIER NUMBER: 07448688 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fine-tuned performance. (Vauxhall Motors Ltd.'s automated automobile  
production; includes related article on Vauxhall's Luton, UK plant)**

White, Kevin H.

Industrial Computing, p24(3)

July, 1989

ISSN: 0268-7860

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1954 LINE COUNT: 00151

... stage robotised spray painting procedure. Developed by GM's  
computing services subsidiary EDS, the system **tracks** vehicle progress  
using programmable markers that are **fixed** to the **car** shells as they go  
into **production**. These transponders transmit signals which are picked up  
by positional sensors fixed at key points...

**18/3,K/64 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01211068 SUPPLIER NUMBER: 06073459 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Avis, Hertz fire technological salvos in fight for market share. (hand-held  
terminals speed rental car returns; includes related article on  
communications links in Section 2: Connectivity)**

Steinberg, Don

PC Week, v4, n44, pC1(3)

Nov 3, 1987

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1882 LINE COUNT: 00149

... satellite links. Proprietary software handles reservations, rentals  
and returns as well as credit-card verification, **vehicle** inventory  
control, **car** maintenance and **repair records**, the flagging of **cars**  
for periodic maintenance and report **production** for company management.

It is too early to gauge the success of carside service in...

**18/3,K/65 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

01118523 Supplier Number: 40902711 (USE FORMAT 7 FOR FULLTEXT)  
**A hand-held thermometer recently introduced by Atkins Technical is giving a  
large number of industries a greater level of temperature reading  
accuracy than ever before possible.**

News Release, pN/A

August 15, 1989

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 661

... plastisol inks  
throughout the drying process can help ensure that the wet inks cure  
properly.

**Automobile Racing and Repair -- Monitoring**

Search Report from Ginger R. DeMille

tire temperature in racing  
can determine whether the car is operating at optimal fuel  
**efficiency**, tire balance and speed.

Biological Processes--The thermometer is particularly helpful in  
areas such as...

18/3,K/66 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

13863663 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Mofaz blames Treasury for unprotected soldiers**  
ARIEH O'SULLIVAN  
JERUSALEM POST  
November 20, 2000  
JOURNAL CODE: WJPT LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 456

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the-clock since the unrest began, as the army rushes to fit more  
and more **vehicles** with thick armor plating, **repair** equipment, and  
hasten the **production** of flak jackets. The army said that it has fast-  
**tracked** contracts for raw material from companies abroad in order to rush  
supplies here.  
Maj.-Gen...

18/3,K/67 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

12873642 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Mitchell Announces e-Business Strategy With Launch of Internet Hub for Auto  
Collision Repair Supply Chain; Continues 54-Year Tradition of Industry  
Leadership and Service**  
BUSINESS WIRE  
September 18, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 584

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Mitchell International, founded in 1946 and headquartered in San  
Diego, is the source for information **software** and e-**business** solutions  
for the insurance and **automotive repair** industries. Providing services  
that enhance **productivity**, profitability and customer satisfaction,  
Mitchell facilitates several million electronic transactions between more  
than 16,000...

18/3,K/68 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11449202 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**German coatings industry. Cautious optimism for 2000. (3 tables)**  
CHEMICAL BUSINESS NEWSBASE (FARBE UND LACK) , p16  
June 09, 2000  
JOURNAL CODE: FFLK LANGUAGE: German RECORD TYPE: ABSTRACT  
WORD COUNT: 293

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 000 tonnes, but sales of powder coatings decreased 1.8% to 58,000 tonnes.

German **production** of **automotive repair** coatings decreased to 28,500 tonnes in 1999 and a downturn has also been **recorded** for corrosion inhibitors and furniture coatings.

VdL forecast production and value to grow 3% and...

**18/3,K/69 (Item 4 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

07024778 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**INDONESIA: HAND AND POWER TOOLS MARKET (1)**  
INDUSTRY SECTOR ANALYSIS  
July 27, 1999  
JOURNAL CODE: FISA LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 3947

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... sectors include the furniture industry, oil and gas industry, mining industry, ship building industry, maintenance/ **repair** , and **automotive repair** and service.

**B. COMPETITIVE ANALYSIS**

**B.1 Domestic Production**

The domestic **production** of power and hand tools is negligible. Some basic hand tools are manufactured for the...

**18/3,K/70 (Item 5 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

06266737 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Atlanta Journal and Constitution Auto Mechanic Column**  
Nora Carter  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS ( ATLANTA JOURNAL AND CONSTITUTION - GEORGIA)  
July 19, 1999  
JOURNAL CODE: KAJC LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 550

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... NOx, adjustments and/or repairs made to correct whatever failure it had can affect NOx **production** .

If the shop doesn't have a five-gas **analyzer** to confirm the final **repair** , the **car** could fail the next test for a different reason. In short, a five-gas analyzer...

**18/3,K/71 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05591229 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**VOP Sternberk raises net profit to Kc15.12m last year**  
CZECH NEWS AGENCY  
June 02, 1999  
JOURNAL CODE: WCNA LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 185

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... totalling Kc193.394m by the end of 1998, uses 80 pct of its capacity for **repairing** military **tracked vehicles** and the rest for civilian **production**. Its founder is the Defence Ministry.  
In April the management of VOP Sternberk announced the...

**18/3,K/72 (Item 7 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.  
05402715 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Shifting Decisions to Field Helps Union Pacific Avert Disaster**  
Jim Rasmussen  
KRTBN KNIGHT-RIDDER, TRIBUNE BUSINESS NEWS (OMAHA WORLD-HERALD - NEBRASKA)  
May 19, 1999  
JOURNAL CODE: KOWH LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1740

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... A. area and began to move. "Strike teams" were set up in vehicles along the **tracks** to speed things up. The teams made quick **repairs** to **trains** and promptly ferried **train** crews home at the end of their shifts, improving crew **efficiency**. Extra managers were brought in. Local managers took responsibility for managing and scheduling crews. An...

**18/3,K/73 (Item 8 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05349157 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Firm denies monopoly on Posts vehicles**  
MAINICHI DAILY NEWS p12  
May 17, 1999  
JOURNAL CODE: FMDN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 492

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... shops.  
But since 1991, regional bureaus of postal services have, in the name of improving **efficiency**, reportedly pushed for Sogo Shizai to take over

Search Report from Ginger R. DeMille

handling the maintenance and **repair** of ministry **vehicles** . Ministry **documents** show Sogo Shizai had sales in fiscal 1997 of 14.3 billion yen, 10.3...

18/3,K/74 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00433034 200012223578174 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International and Kar Grabber Receive Awards for Contributions to Puerto Rico Vocational School System-Companies Contribute to the Successful Implementation of the New Collision Repair Curriculum**

Business Wire

Friday, December 22, 2000 15:39 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 679

...International, founded in 1946 and with headquarters in San Diego, is the source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity** , profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/75 (Item 2 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00424786 20001208343B2810 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Launches Mitchell University -- the Online Learning Center-Online Training Available at [www.mitchellu.com](http://www.mitchellu.com) for UltraMate Customers, Other Products Will Be Added in 2001**

Business Wire

Friday, December 8, 2000 16:21 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 450

...International, founded in 1946 and headquartered in San Diego, California, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity** , profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/76 (Item 3 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

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00424781 20001208343B2803 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Wireless Allows Adjusters and Estimators to Remotely Transmit Claim Files and Estimates-New Service Can Increase Productivity of Claims Adjusters and Estimators; Reduces Cycle Time, Improves Customer Satisfaction**

Business Wire

Friday, December 8, 2000 16:11 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 627

...Mitchell International, founded in 1946 and headquartered in San Diego, is The

Source for information **software** and e- **business** solutions for the insurance and

**automotive repair** industries. Providing services that enhance **productivity**,

profitability and customer satisfaction, Mitchell facilitates several million

electronic transactions between more than 16,000...

18/3,K/77 (Item 4 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00424774 20001208343B2806 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Announces Signing of Major Contracts in BrazilSul America Seguros and Indiana Seguros To Purchase GlobeEST and GlobeEST Foto; Contracts Establish Mitchell as Leader in Brazilian Marketplace**

Business Wire

Friday, December 8, 2000 16:13 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 550

...Mitchell International, founded in 1946 and headquartered in San Diego, is The

Source for information **software** and e- **business** solutions for the insurance and

**automotive repair** industries. Providing services that enhance **productivity**,

profitability and customer satisfaction, Mitchell facilitates several million

electronic transactions between more than 16,000...

18/3,K/78 (Item 5 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00424772 20001208343B2804 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Delivers New Applications On Internet Hub for the Automotive Collision Repair and Claims Industry-AIM Online and FirstImages.com in Beta Test; Soon to Join Growing ASP Content at The Mitchell Hub**

Search Report from Ginger R. DeMille

Business Wire

Friday, December 8, 2000 16:12 EST

JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 690

...International, founded in 1946 and headquartered in San Diego, California, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/79 (Item 6 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00379334 20001005279B5861 (USE FORMAT 7 FOR FULLTEXT)

**Mitchell International Announces Nationwide Availability of FirstEstimate.com, the First Internet-Based Estimating System-FirstEstimate.com Completes Successful Beta Testing; Resides at The Mitchell Hub, Part of Larger e-Business Strategy**

Business Wire

Thursday, October 5, 2000 13:35 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 707

...Mitchell International, founded in 1946 and headquartered in San Diego, is The Source for information **software** and e- **business** solutions for the insurance and **automotive repair** industries. Providing services that enhance **productivity**, profitability and customer satisfaction, Mitchell facilitates several million electronic transactions between more than 16,000...

18/3,K/80 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury

(c) 2004 San Jose Mercury News. All rts. reserv.

04078298

**KEEP CAR WHILE PONDERING CHOICES -- AND LET MONEY MULTIPLY**

SAN JOSE MERCURY NEWS (SJ) - Sunday, October 4, 1987

By: BILL SIMMONS, Knight-Ridder News Service

Edition: Morning Final Section: Sports Page: 19D

Word Count: 600

...typically smaller car with unibody construction.

Also, the traditionally large GM sedans have the best **record** for passenger safety and **efficiency** of **repair** of all **cars**, as reported by

Search Report from Ginger R. DeMille

the Highway Loss Data Institute. Most importantly, the Buick is a known...

18/3,K/81 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03093305 Supplier Number: 46323671 (USE FORMAT 7 FOR FULLTEXT)

**VENEZUELA - AMPHIBIOUS ASSAULT VEHICLES TO BE PURCHASED (APR 22/DoD)**

Periscope Daily Defense News Capsules, pN/A

April 22, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 123

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...has notified Congress that the Government of Venezuela has requested the purchase of 11 new **production** Assault Amphibious **Vehicles** with ancillary equipment or the **overhaul** /modification/upgrade of 11 Landing **Tracked** Vehicles (LTV-7) in-country to the Assault Amphibious Vehicle configuration; 9,000 rounds of...

18/3,K/82 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02577752 Supplier Number: 45206521 (USE FORMAT 7 FOR FULLTEXT)

**SHORT RANGE UAV PROCUREMENT DELAYED FOLLOWING SLATKIN MEMO**

Military Robotics, n23, pN/A

Dec 14, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1287

... incorporate a "defined event driven schedule for FY 1995 Low-Rate Production, Initial Test and **Evaluation** , Milestone III ( **production** decision) and those developed to support Follow-On Test and **Evaluation** ," said Slatkin.

The critical study, titled "Unmanned Aerial **Vehicles** : Problems Should Be **Fixed** Before More Hunter Systems Are Bought," may be made moot by the revised program structure...

18/3,K/83 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire All rts. reserv.

0432378 BW0012

**NCUBE MERCEDES BENZ: Mercedes-Benz installs nCUBE massively parallel database server to deploy global quality assurance program**

September 27, 1994

Byline: Business Editors and Automotive/Computer Writers



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...server  
database on the nCUBE system, the QUIS allows authorized technical and service personnel to **evaluate** service histories of Mercedes-Benz vehicles from any subsidiary or **production** plant.

By **monitoring** the collected data, Mercedes-Benz can improve product quality and avoid costly **repairs** by detecting potential **vehicle** component problems early on.

"The requirements of our quality information system cannot be satisfied by...

18/3,K/84 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
(c) 2004 FIZ TECHNIK. All rts. reserv.

00974238 M96046192568

**Acoustic quality test and fault detection of automobile gearboxes using artificial neural networks and fuzzy logic**

(Akustische Qualitaetspruefung und Fehlererkennung von Kraftfahrzeugwechselgetrieben mit Hilfe von kuenstlichen neuronalen Netzen und Fuzzy-Logik)

Barschdorff, D; Kronmueller, M

Univ. Paderborn, D . . . . .  
ISATA, 28th Internat. Symp. on Automotive Technol. and Automation, Mechatronics - Efficient Computer Support for Engineering, Manufacturing, Testing & Reliability, Stuttgart, D, Sep 18-22, 1995/1995

Document type: Conference paper Language: English

Record type: Abstract

**ABSTRACT:**

Automobile drivers appreciate low interior noise levels as a positive quality feature. The automatic **evaluation** of engine and gearbox noise levels as well as **production** fault detection are **fixed** parts of **car** quality tests. Typical tasks which have to be performed in this context are sensor choice...

18/3,K/85 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

03020193 SUPPLIER NUMBER: 06074345 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Avis, Hertz fire technological salvos in fight for market share.**

(Connectivity: section 2)

Steinberg, Don

PC Week, v4, n44, pC1(3)

Nov 3, 1987

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1882 LINE COUNT: 00149

... satellite links. Proprietary software handles reservations, rentals and returns as well as credit-card verification, **vehicle** inventory control, **car** maintenance and **repair records**, the flagging of **cars** for periodic maintenance and report **production** for company management.

It is too early to gauge the success of carside service in...

?

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? show files;ds

File 348:EUROPEAN PATENTS 1978-2004/Aug W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040819,UT=20040812

(c) 2004 WIPQ/Univentio

Set	Items	Description
S1	19121	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?) (5N) (REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	403	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	46	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	3	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	658995	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	0	(S2:S4) (8N) S5 (8N) (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	141	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	12	S1 (10N) (TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N) S5
S9	1197	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S10	1197	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S11	0	S6 (3S) S9
S12	0	S8 (3S) S9
S13	0	S6 (2S) S9
S14	1	S8 (2S) (OPTIMIS? OR OPTIMIZ?)
S15	12	S6 OR S8 OR S15
S16	0	S16 NOT PY>2000
S17	12	S14 OR S15

? t17/3,k/all

17/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01745319

**FIXED TRACK FOR RAIL VEHICLES AND METHOD FOR PRODUCTION THEREOF  
FESTE FAHRBAHN F R DEN SCHIENENVERKEHR UND VERFAHREN ZU IHRE R HERSTELLUNG**

**CHAUSSÉE SOLIDE DESTINÉE AU TRAFIC FERROVIAIRE ET SON PROCÉDE DE PRODUCTION  
PATENT ASSIGNEE:**

Markus, Wolfgang, (1944752), Gartenstrasse 10, 46487 Wesel, (DE),

(Applicant designated States: all)

Hain, Uwe, (4844740), Stadtmauer 8, 46519 Alpen, (DE), (Applicant designated States: all)

Hain, Silke, (4844750), Stadtmauer 8, 46519 Alpen, (DE), (Applicant designated States: all)

LS Beratungsbüro Lublow GmbH, (4844760), Nordbogger Strasse 22, 59199

Bonen, (DE), (Applicant designated States: all)

Search Report from Ginger R. DeMille

INVENTOR:

MARKUS, Wolfgang, Gartenstrasse 10, 46487 Wesel, (DE)

PATENT (CC, No, Kind, Date):

WO 2004031483 040415

APPLICATION (CC, No, Date): EP 2003798899 030910; WO 2003EP10027 030910

PRIORITY (CC, No, Date): DE 20215204 021001

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: E01B-003/38

LANGUAGE (Publication,Procedural,Application): German; German; German

FIXED TRACK FOR RAIL VEHICLES AND METHOD FOR PRODUCTION THEREOF

17/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00643184

Electric vehicle drive system and drive method

Antriebssystem und Antriebsverfahren eines elektrischen Fahrzeugs

Systeme et methode d'entrainement de vehicule electrique

PATENT ASSIGNEE:

Hitachi, Ltd., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-0062, (JP), (applicant designated states: DE;GB)

INVENTOR:

Mutoh, Nobuyoshi, 27-20, Nishioshima 1-chome, Katsuta-shi, Ibaraki 312,  
(JP)

Masaki, Ryoso, 21-23, Ogitsu-cho 1-chome, Hitachi-shi, Ibaraki 319-14,  
(JP)

Miyazaki, Taizou, Yuuhou-ryo, 20-3, Ayukawa-cho 6-chome, Hitachi-shi,  
Ibaraki 316, (JP)

Tajima, Fumio, 1180-106, Ishihongo, Juou-machi, Taga-gun, Ibaraki 319-13,  
(JP)

Ohmae, Tsutomu, 21-2, Motomiya-cho 4-chome, Hitachi-shi, Ibaraki 317,  
(JP)

LEGAL REPRESENTATIVE:

Altenburg, Udo, Dipl.-Phys. et al (1268), Patent- und Rechtsanwälte,  
Bardehle . Pagenberg . Dost . Altenburg . Frohwitter . Geissler &  
Partner, Galileiplatz 1, 81679 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 622264 A2 941102 (Basic)

EP 622264 A3 950329

EP 622264 B1 981111

APPLICATION (CC, No, Date): EP 94106581 940427;

PRIORITY (CC, No, Date): JP 93102154 930428

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: B60L-011/18;

ABSTRACT WORD COUNT: 231

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9846	413
CLAIMS B	(German)	9846	344
CLAIMS B	(French)	9846	425
SPEC B	(English)	9846	8078
Total word count - document A			0
Total word count - document B			9260

Search Report from Ginger R. DeMille

Total word count - documents A + B 9260

...SPECIFICATION characteristics of the motors. The important characteristics required of the drive system of the electric **vehicle** are **mechanical** strength, motor **efficiency**, torque generating **efficiency** in particular, **productivity** and maintainability. Mechanical strength is an important factor in **evaluating** safety in collision and high speed drive, and the torque generating efficiency of the motor...

17/3,K/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00523949

**Sliding door apparatus for platform for tracle vehicles.**

**Schiebturapparat fur Plattform fur Gleisfahrzeuge.**

**Complexe de portes coulissantes pour plate-forme pour vehicules sur rails.**

PATENT ASSIGNEE:

Kawasaki Jukogyo Kabushiki Kaisha, (260813), 1-1 Higashikawasakicho  
3-chome Chuo-ku, Kobe-shi Hyogo 650-91, (JP), (applicant designated  
states: DE;FR;GB)

INVENTOR:

Kawanishi, Isamu, 2-19-7, Nishimachi, Sakuragaoka, Nishi-ku, Kobe-shi,  
Hyogo 673-02, (JP)

Uozumi, Yukio, 12-9, Tennoshitacho Tarumi-ku,, Kobe-shi, Hyogo, 655, (JP)

LEGAL REPRESENTATIVE:

Reinhard, Skuhra, Weise (100731), Postfach 44 01 51, D-80750 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 525738 A1 930203 (Basic)  
EP 525738 B1 950927

APPLICATION (CC, No, Date): EP 92112926 920729;

PRIORITY (CC, No, Date): JP 91191750 910731; JP 91191751 910731; JP 9160405  
910731

DESIGNATED STATES: DE, FR; GB

INTERNATIONAL PATENT CLASS: E05D-015/10; E05F-015/14; B61B-001/02;

ABSTRACT WORD COUNT: 171

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	271
CLAIMS B	(German)	EPAB95	243
CLAIMS B	(French)	EPAB95	304
SPEC B	(English)	EPAB95	6346
Total word count - document A			0
Total word count - document B			7164
Total word count - documents A + B			7164

...SPECIFICATION sliding doors in response to an error amount of the stopping position at which a **track** vehicle is stopped in order to assure the safety of passengers or enhance the air conditioning **efficiency** of a building formed at the platform, and this is adapted well when the type of **track** vehicles is **fixed**.

However, with the sliding door apparatus for a platform for track vehicles of the proposal...

Search Report from Ginger R. DeMille

17/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00523940

**Folding door apparatus for platform for track vehicles.**

**Faltturapparat fur Plattform fur Gleisfahrzeuge.**

**Complexe de portes pliantes pour plate-forme pour vehicules sur rails.**

PATENT ASSIGNEE:

Kawasaki Jukogyo Kabushiki Kaisha, (260813), 1-1 Higashikawasakicho  
3-chome Chuo-ku, Kobe-shi Hyogo 650-91, (JP), (applicant designated  
states: DE;FR;GB)

INVENTOR:

Kawanishi, Isamu, 2-19-7, Nishimachi, Sakuragaoka, Nishi-ku, Kobe-shi,  
Hyogo, 673-02, (JP),  
Uozumi, Yukio, 12-9, Tennoshitacho, Tarumi-ku, Kobe-shi, Hyogo, 655, (JP)

LEGAL REPRESENTATIVE:

Reinhard, Skuhra, Weise (100731), Postfach 44 01 51, D-80750 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 525735 A1 930203 (Basic)  
EP 525735 B1 950920

APPLICATION (CC, No, Date): EP 92112917 920729;

PRIORITY (CC, No, Date): JP 9160406 910731; JP 91191751 910731

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: E05D-015/10; E05F-015/14; B61B-001/02;

ABSTRACT WORD COUNT: 66

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	437
CLAIMS B	(German)	EPAB95	391
CLAIMS B	(French)	EPAB95	497
SPEC B	(English)	EPAB95	4262
Total word count - document A			0
Total word count - document B			5587
Total word count - Documents A + B			5587

17/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00486566

**A hydromechanical transmission.**

**Hydromechanisches Getriebe.**

**Transmission hydromecanique.**

PATENT ASSIGNEE:

GENERAL ELECTRIC COMPANY, (203903), 1 River Road, Schenectady, NY 12345,  
(US), (applicant designated states: DE;FR;GB;IT;SE)

INVENTOR:

Yurko, William Edward, 79-1/2 Cherry Street, Pittsfield, Massachusetts  
01201, (US)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46454), London Patent Operation G.E.  
Technical Services Co. Inc. Essex House 12/13 Essex Street, London WC2R  
3AA, (GB)

PATENT (CC, No, Kind, Date): EP 481590 A1 920422 (Basic)  
EP 481590 B1 950419

Search Report from Ginger R. DeMille

APPLICATION (CC, No, Date): EP 91307299 910808;  
PRIORITY (CC, No, Date): US 597602 901015  
DESIGNATED STATES: DE; FR; GB; IT; SE  
INTERNATIONAL PATENT CLASS: F16H-061/46; B62D-011/18;  
ABSTRACT WORD COUNT: 128

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1339
CLAIMS B	(English)	EPAB95	1387
CLAIMS B	(German)	EPAB95	1333
CLAIMS B	(French)	EPAB95	1930
SPEC A	(English)	EPABF1	3376
SPEC B	(English)	EPAB95	3316
Total word count - document A			4715
Total word count - document B			7966
Total word count - documents A + B			12681

...SPECIFICATION opposite directions, to produce a corresponding differential in the speeds of the left and right **vehicle tracks** .

As noted above, modern **hydromechanical** transmissions utilize electronic controllers for establishing the optimum transmission ratio in terms of performance and fuel **efficiency** necessary to propel the vehicle at the speed requested by the operator. Thus, as seen...

...SPECIFICATION opposite directions, to produce a corresponding differential in the speeds of the left and right **vehicle tracks** .

As noted above, modern **hydromechanical** transmissions utilize electronic controllers for establishing the optimum transmission ratio in terms of performance and fuel **efficiency** necessary to propel the vehicle at the speed requested by the operator. Thus, as seen...

17/3,K/6 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01108854 \*\*Image available\*\*

FIXED TRACK FOR RAIL VEHICLES AND METHOD FOR PRODUCTION THEREOF  
CHAUSSEE SOLIDE DESTINEE AU TRAFIC FERROVIAIRE ET SON PROCEDE DE PRODUCTION  
FESTE FAHRBAHN FUR DEN SCHIENENVERKEHR UND VERFAHREN ZU IHRER HERSTELLUNG

Patent Applicant/Assignee:

HAIN Uwe, Stadtmauer 8, 46519 Alpen, DE, DE (Residence), DE (Nationality)  
, (For all designated states except: US)

HAIN Silke, Stadtmauer 8, 46519 Alpen, DE, DE (Residence), DE  
(Nationality), (For all designated states except: US)

LS BERATUNGSBURO LUBLOW GMBH, Nordbogger Strasse 22, 59199 Bonen, DE, DE  
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MARKUS Wolfgang, Gartenstrasse 10, 46487 Wesel, DE, DE (Residence), DE  
(Nationality)

Legal Representative:

SCHOENEN Norbert (agent), Uerdinger Strasse 3, 47441 Moers, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200431483 A1 20040415 (WO 0431483)

Application: WO 2003EP10027 20030910 (PCT/WO EP03010027)

Priority Application: DE 20215204 20021001

Designated States:

Search Report from Ginger R. DeMille

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AU CN JP KR LT LV MK OM PL US

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: German

Filing Language: German

Fulltext Word Count: 3940

**FIXED TRACK FOR RAIL VEHICLES AND METHOD FOR PRODUCTION THEREOF**

**17/3,K/7 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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01076194 \*\*Image available\*\*

**METHOD AND DEVICE FOR THE PRODUCTION OF A PRECISE CONCRETE PREFABRICATED PART**

**PROCEDE ET DISPOSITIF DE FABRICATION D'UNE PIECE PREFABRIQUEE PRECISE EN BETON**

**VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES PRAZISEN BETONFERTIGTEILES**

Patent Applicant/Assignee:

MAX BOGL BAUUNTERNEHMUNG GMBH & CO KG, Postfach 1120, 92301 Neumarkt, DE,  
DE (Residence), DE (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

BOGL Stefan; Winnbergerstrasse 44, 92369 Sengenthal, DE, DE (Residence),  
DE (Nationality), (Designated only for: US)

Legal Representative:

BERGMEIER Werner (agent), Friedrich-Ebert-Strasse 84, 85055 Ingolstadt,  
DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2003106128 A1 20031224 (WO 03106128)

Application: WO 2003EP2681 20030314 (PCT/WO EP0302681)

Priority Application: DE 10226407 20020613

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: German

Filing Language: German

Fulltext Word Count: 3665

**English Abstract**

The invention relates to a method for the **production** of a precise concrete prefabricated part, especially the form of a sleeper or a plate (1) for a **fixed track** for rail-guided **vehicles**, wherein the concrete prefabricated part undergoes grinding to the predetermined size at functionally relevant points...

17/3,K/8 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01028601 \*\*Image available\*\*

**INTERACTIVE COMPUTERIZED PERFORMANCE SUPPORT SYSTEM AND METHOD  
SYSTEME ET PROCEDE INFORMATIQUE INTERACTIF DE SOUTIEN A LA PERFORMANCE**

Patent.Applicant/Assignee:

MOBILE PRODUCTIVITY INC, 1280 Bison Avenue, B9-499, Newport Beach, CA  
92660, US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

ROGERS Kevin B, 1280 Bison Avenue, B9-499, Newport Beach, CA 92660, US,  
US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HUNT Dale C (agent), Knobbe, Martens, Olson & Bear, LLP, 2040 Main  
Street, 14th Floor, Irvine, CA 92614, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200358581 A1 20030717 (WO 0358581)

Application: WO 2002US41842 20021230 (PCT/WO US0241842)

Priority Application: US 2001346436 20011228

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM  
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (utility model) SK SL TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK  
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10245

Fulltext Availability:

Detailed Description

Detailed Description

... illustrated with reference to a specific example of generating a  
knowledge stream design for an **automotive repair** application.

Returning to Figure 3, the process begins by generating the **workflow  
analysis**. Interviews

17/3,K/9 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00963611 \*\*Image available\*\*

**EXTENDED WEB ENABLED, MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**



**SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET  
POUR SERVICES DE LOCATION DE VEHICULES**

**Patent Applicant/Assignee:**

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)  
DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)  
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)  
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US  
(Residence), US (Nationality), (Designated only for: US)  
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US  
(Residence), US (Nationality), (Designated only for: US)  
KLOPFENSTEIN Anita M, 433 Schwarz Road, O'Fallon, IL 62269, US, US  
(Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite  
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200297700 A2 20021205 (WO 0297700)  
Application: WO 2001US51431 20011019 (PCT/WO US0151431)  
Priority Application: US 2000694050 20001020

**Parent Application/Grant:**

Related by Continuation to: US 2000694050 20001020 (CIP)

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... to ARMS mailbox on the IBM ARMS-connected Value-Added Network  
electronic communication network. Any **production** transmissions will be  
written to the AM\*\*\*011 specified ARMS Trading Partner Companies  
**production** received transmission output file and its key sent to the  
DQ\*\*\*011 specified ARMS Trading...

17/3,K/10 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00933152      \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

**Patent Applicant/Assignee:**

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)  
DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)  
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)  
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US  
(Residence), US (Nationality), (Designated only for: US)  
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US  
(Residence), US (Nationality), (Designated only for: US)  
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US  
(Residence), US (Nationality), (Designated only for: US)

**Legal Representative:**

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite  
1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200267175 A2 20020829 (WO 0267175)  
Application: WO 2001US51437 20011019 (PCT/WO US0151437)  
Priority Application: US 2000694050 20001020

**Parent Application/Grant:**

Related by Continuation to: US 2000694050 20001020 (CIP)

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... as well as

to mitigate the increasing blizzard of paper required to be  
produced to **document** this business. A significant benefit  
which often drives the implementation of technology is its  
further advantage in increasing **productivity** to thereby allow  
fewer people to handle greater volumes of business. One such

Search Report from Ginger R. DeMille

good example demonstrating the **efficiencies** and value to be gained by implementing technology is the business model developed and followed...

17/3,K/11 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00931027 \*\*Image available\*\*

**METHOD AND PALLET FOR THE PRODUCTION OF A PRECISE PRE-CAST CONCRETE PIECE  
PROCEDE ET PALETTE POUR PRODUIRE UNE PIECE PREFABRIQUEE EN BETON PRECISE  
VERFAHREN UND PALETTE ZUR HERSTELLUNG EINES PRAZISEN BETONFERTIGTEILES**

Patent Applicant/Assignee:

MAX BOGL BAUUNTERNEHMUNG GMBH & CO KG, Postfach 11 20, 92301 Neumarkt, DE  
, DE (Residence), DE (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

BOGL Stefan, Winnbergerstrasse 44, 92369 Sengenthal, DE, DE (Residence),  
DE (Nationality), (Designated only for: US)

Legal Representative:

BERGMEIER Werner (Agent), Friedrich-Ebert-Strasse 84, 85055 Ingolstadt,  
DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200265022 A1 20020822 (WO 0265022)

Application: WO 2002EP83 20020108 (PCT/WO EP0200083)

Priority Application: DE 10107119 20010214; DE 10133607 20010713

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: German

Filing Language: German

Fulltext Word Count: 6554

English Abstract

A method for the **production** of a precise pre-cast concrete piece, in particular in the form of a sleeper or plate for a **fixed track** for railed **vehicles** is disclosed. According to the invention, said method is characterised in that the pre-cast...

17/3,K/12 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00457908 \*\*Image available\*\*

**OCCUPANT TYPE AND POSITION DETECTION SYSTEM**

**SYSTEME DE DETERMINATION DU TYPE D'OCCUPANT ET DE SA POSITION**

Patent Applicant/Assignee:

AUTOMOTIVE SYSTEMS LABORATORY INC,

Inventor(s):

1027-Aug-0406:07 PM

Search Report from Ginger R. DeMille

FARMER Michael E,  
BRUCE Michael P.,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9848372 A1 19981029  
Application: WO 98US7685 19980416 (PCT/WO US9807685)  
Priority Application: US 97841521 19970423

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4678

English Abstract

...to determine the occupant or object type. The system and method of the present invention **track** occupant type and position in both parallel and perpendicular directions relative to a **fixed** structure such as the **vehicle** instrument panel to **optimize** both the **efficiency** and safety in controlling deployment of a occupant safety device, such as an air bag

?

Search Report from Ginger R. DeMille

? show files;ds

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200455  
 (c) 2004 Thomson Derwent  
 File 344:Chinese Patents Abs Aug 1985-2004/May  
 (c) 2004 European Patent Office  
 File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
 (c) 2004 JPI & JAPIO  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.  
 File 2:INSPEC 1969-2004/Aug W3  
 (c) 2004 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2004/Jul  
 (c) 2004 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2004/Aug W4  
 (c) 2004 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
 (c) 2004 The HW Wilson Co.  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
 (c) 2003 EBSCO Pub.  
 File 256:TecInfoSource 82-2004/Jul  
 (c)2004 Info.Sources Inc  
 File 474:New York Times Abs 1969-2004/Aug 26  
 (c) 2004 The New York Times  
 File 475:Wall Street Journal Abs 1973-2004/Aug 26  
 (c) 2004 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group

Set	Items	Description
S1	44316	(AUTOBODY OR AUTO()BODY OR VEHICLE? ? OR AUTOMOTIVE OR AUTOMOBILE OR CAR OR CARS OR TRUCK OR TRUCKS OR TRAIN? ? OR AIRPLANE? ? OR AEROPLANE? ? OR FLEET? ?) (5N) (REPAIR? OR MECHANIC - OR FIX? OR OVERHAUL?)
S2	657	(AUTOBODY OR AUTO()BODY OR VEHICLE OR AUTOMOTIVE OR CAR OR AUTOMOBILE OR CAR) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S3	85	(TRANSMISSION OR MUFFLER OR RV OR TIRE OR TYRE) (3N) (REPAIR OR FIX?) (3N) (SHOP? ? OR BUSINESS?? OR FACILIT??? OR ESTABLISHMENT? OR ENTERPRISE)
S4	64	JIFFYLUBE? ? OR JIFFY()LUBE? ?
S5	2855117	EFFICIENC? OR PRODUCTION OR WORKFLOW OR WORK()FLOW OR PRODUCTIVITY OR TQM OR TOTAL()QUALITY OR PRODUCTIVENESS OR INEFFICIENC?
S6	0	(S2:S4) (8N) S5 (8N) (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACKER OR PLANNER OR MAPPER OR OPTIMIS? OR OPTIMIZ?)
S7	11	(S2:S4) AND S5 AND (SOFTWARE OR PROGRAM OR INFORMATION()SYSTEM OR TRACK? OR PLANNER? OR MONITOR? OR MAPPER OR OPTIMIS? - OR OPTIMIZ?)
S8	9	RD (unique items)
S9	19	S1(10N) (TRACK? OR MONITOR? OR WATCH? OR OBSERV? OR RECORD? OR DOCUMENT? OR EVALUAT? OR ANALYS? OR ANALYZ?) (10N) S5
S10	18	S9 NOT S8
S11	18	RD (unique items)
S12	2554	(TARGET? OR GOAL OR ESTIMAT? OR PREDICT? OR SETTING) (5N) (REPAIR? OR FIX?) (5N) (TIME OR HOUR? ?)
S13	57	S1 AND S12
S14	2	S2 AND S12
S15	0	S3 AND S12
S16	0	S4 AND S12
S17	178	S5 AND S12

Search Report from Ginger R. DeMille

S18	2	S1 AND S17
S19	57	S13 OR S14 OR S18
S20	56	RD (unique items)
S21	56	S20 NOT (S8 OR S11)
S22	50	S21 FROM 350,344,347,371
S23	6	S21 NOT S22
S24	3	S23 NOT PY>2000
?		

Search Report from Ginger R. DeMille

? t8/3,k/all

**8/3,K/1 (Item 1 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015391710 \*\*Image available\*\*

WPI Acc No: 2003-453398/200343

XRPX Acc No: N03-361049

**Operation situation management system used in vehicle repair shop ,  
compares operation data including repair content input by customers,  
and factory data including repair date by factory**

Patent Assignee: YOKU SYSTEM KK (YOKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003141239	A	20030516	JP 2001332076	A	20011030	200343 B

Priority Applications (No Type Date): JP 2001332076 A 20011030

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003141239	A		8	G06F-017/60	

**Operation situation management system used in vehicle repair shop ,  
compares operation data including repair content input by customers,  
and factory data including repair date by factory**

Abstract (Basic):

... 2) operation situation control program .

...

...In vehicle repair shop for car inspection/maintenance...

...Improves the working efficiency of a vehicle repair shop , by  
managing the operation situation

**8/3,K/2 (Item 2 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015215404 \*\*Image available\*\*

WPI Acc No: 2003-275941/200327

XRPX Acc No: N03-219179

**Air compressor monitoring system in automotive repair shops ,  
analyzes input data corresponding to air compressor system operation and  
generates output data indicating performance and efficiency of air  
compressor system**

Patent Assignee: BAGEPALLI S K (BAGE-I); BENNETT J S (BENN-I); DEROSE L  
(DERO-I); HANSEN R K (HANS-I); HANZLIK R A (HANZ-I); MALLOY E T (MALL-I);  
SALVO J J (SALV-I); GENERAL ELECTRIC CO (GENE )

Inventor: BAGEPALLI S K; BENNETT J S; DEROSE L; HANSEN R K; HANZLIK R A;  
MALLOY E T; SALVO J J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020188422	A1	20021212	US 2001681801	A	20010607	200327 B
US 6684178	B2	20040127	US 2001681801	A	20010607	200408

Search Report from Ginger R. DeMille

Priority Applications (No Type Date): US 2001681801 A 20010607

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 20020188422	A1		12	G06F-011/30	
US 6684178	B2			G08B-021/00	

**Air compressor monitoring system in automotive repair shops , analyzes input data corresponding to air compressor system operation and generates output data indicating performance and efficiency of air compressor system**

Abstract (Basic):

... The system includes a **monitoring** module (12) which acquires the data corresponding to operation of an air compressor system through a communication network. The **monitoring** module (12) has an analyzer which analyzes the received data and generates output data indicating the performance and **efficiency** of the air compressor system.

... An INDEPENDENT CLAIM is included for air compressor **monitoring** method...

...For **monitoring** performance of air compressor in **automotive repair shop** , house painting application, industrial manufacturing **facilities** , etc...

...Enables quickly gathering, formatting and reporting compressed air usage data of a facility, to **optimize** the compressor **efficiency** and reduces cost associated with compressed air usage, thereby improving overall plant **productivity** .

...

...The figure shows a block diagram of the air compressor system **monitoring** module...

... **Monitoring** module (12

...Title Terms: **MONITOR** ;

**8/3,K/3 (Item 3 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014902999 \*\*Image available\*\*

WPI Acc No: 2002-723705/200278

XRPX Acc No: N02-570574

**Vehicle collision repair process management method involves sending vehicle repair insurance claim to collision MD network and allocating repair to repair shop**

Patent Assignee: DU PONT DE NEMOURS & CO E I (DUPO ); DUTRA D A (DUTR-I); GLASS N (GLAS-I); KELLY D M (KELL-I); MARCHAND C A (MARC-I)

Inventor: DUTRA D A; GLASS N; KELLY D M; MARCHAND C A

Number of Countries: 101 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200280077	A2	20021010	WO 2002US9742	A	20020328	200278 B
US 20030154111	A1	20030814	US 2001280547	P	20010330	200355
			US 2002109911	A	20020328	
EP 1374129	A2	20040102	EP 2002719385	A	20020328	200409
			WO 2002US9742	A	20020328	



Search Report from Ginger R. DeMille

AU 2002250473 A1 20021015 AU 2002250473 A 20020328 200432

Priority Applications (No Type Date): US 2001280547 P 20010330; US  
2002109911 A 20020328

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200280077 A2 E 23 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA  
ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20030154111 A1 G06F-017/60 Provisional application US 2001280547

EP 1374129 A2 E G06F-017/60 Based on patent WO 200280077

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

AU 2002250473 A1 G06F-017/60 Based on patent WO 200280077

Abstract (Basic):

... A collision MD (CMD) network is provided between insurance  
companies, third party assistance and **vehicle repair shops**.  
**Vehicle repair** insurance claim is sent to the CMD and the **repair**  
work is allocated to a specific **vehicle repair shop**. The  
insurance claim is processed and a data is generated to satisfy the  
claim, and...  
... Directs **work** to various **vehicle repair shops** that handle  
the work, thus eliminating delays and lost time in the insurance claim  
settlement...  
...parties in the repair process through a common user interface e.g.  
Internet, hence the **work flow** is **optimized** and the **efficiency**  
of the entire collision repair process is improved by the steady stream  
of the consistent...

8/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014726414 \*\*Image available\*\*

WPI Acc No: 2002-547118/200258

XRPX Acc No: N02-433151

**Task performance time determination for employee, involves generating  
adjusted estimate of time required by employee for performing task by  
multiplying initial time estimate with cumulative historical efficiency  
factor**

Patent Assignee: CAULFIELD D L (CAUL-I)

Inventor: CAULFIELD D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020065702	A1	20020530	US 2000228162	A	20000825	200258 B
			US 2000726063	A	20001129	

Priority Applications (No Type Date): US 2000228162 P 20000825; US  
2000726063 A 20001129

Search Report from Ginger R. DeMille

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020065702 A1 11 G06F-017/60 Provisional application US 2000228162  
... time required by employee for performing task by multiplying initial  
time estimate with cumulative historical efficiency factor

Abstract (Basic):

... Cumulative historical efficiency factor is calculated from the  
ratio of the sum of times actually used by the...  
...of task is generated from the multiplication result of the initial  
estimate with the historical efficiency factor.  
... 2) Vehicle repair performance monitoring method...  
...3) Computerized automotive repair shop operation method; and...  
...For determining task performance time for employee in vehicle repair  
shop .  
...  
...Allows shop management to optimize the utilization of the shop  
technicians and facilitates and enables to repair more cars in  
...Title Terms: EFFICIENCY ;

8/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013202731 \*\*Image available\*\*  
WPI Acc No: 2000-374604/200032  
XRPX Acc No: N00-281200

System for dispensing liquid paint components from their original  
containers into a paint receptacle according to a formula to form a  
liquid/paint mixture

Patent Assignee: X-PERT PAINT MIXING SYSTEMS INC (XPER-N)

Inventor: BOERS A

Number of Countries: 029 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6053218	A	20000425	US 98189214	A	19981110	200032 B
WO 200027932	A2	20000518	WO 99US26391	A	19991109	200032
AU 200018156	A	20000529	AU 200018156	A	19991109	200041
NO 200102291	A	20010710	WO 99US26391	A	19991109	200148
			NO 20012291	A	20010509	
EP 1208041	A2	20020529	EP 99961615	A	19991109	200243
			WO 99US26391	A	19991109	
JP 2003524555	W	20030819	WO 99US26391	A	19991109	200356
			JP 2000581102	A	19991109	

Priority Applications (No Type Date): US 98189214 A 19981110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 6053218 A 20 B65B-001/30  
WO 200027932 A2 E C09D-000/00  
Designated States (National): AU BR CA IL JP MX NO NZ PL  
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE  
AU 200018156 A Based on patent WO 200027932

Search Report from Ginger R. DeMille

NO 200102291 A C09D-000/00  
EP 1208041 A2 E B65B-001/30 Based on patent WO 200027932  
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE  
JP 2003524555 W 40 B67D-005/56 Based on patent WO 200027932

Abstract (Basic):

... to the weight cell and the dispensing system. A data storage device and a display **monitor** are coupled to the microprocessor device. A user interface allows the user to communicate with...

...In **automotive** body **repair** industry, paint vendors body **shops**, e.t.c. where mixtures of paint colorants, tints, pearls, metallics, binders and/or balancers...

...The dispensing system virtually eliminates liquid paint component dispensing errors, thereby enhancing the **efficiency** of the system operator. Expensive over-pouring problems are eliminated...

...display **monitor** (194...

8/3,K/6 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

06561035 \*\*Image available\*\*

FAILURE DIAGNOSTIC DEVICE FOR VEHICLE

PUB. NO.: 2000-146768 [JP 2000146768 A]

PUBLISHED: May 26, 2000 (20000526)

INVENTOR(s): KAYANO MASAYUKI

FUJIMOTO JUNICHI

APPLICANT(s): MITSUBISHI MOTORS CORP

APPL. NO.: 10-322672 [JP 98322672]

FILED: November 12, 1998 (19981112)

ABSTRACT

PROBLEM TO BE SOLVED: To rapidly grasp failure information and to improve the **efficiency** of repairing operation by equipping a multiple display device with a multiple display control device...

... drive circuit 18, and 'engine control' is displayed or characters are lit on a diagnosis **monitor** 1. By warehousing a **vehicle** in a **repair shop** and operating a switch 2b, a failure code for indicating the details of failure can be recalled by numbers and displayed on the **monitor** 1. By repairing failed parts and at the same time inspecting an area around them ...

8/3,K/7 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01662122 ORDER NO: AAD99-00934

**SCHEDULING WITH BATCH OBJECTIVES (FIRST COME FIRST SERVED, DYNAMIC PROGRAMMING)**

Author: YANG, JAEHWAN

Search Report from Ginger R. DeMille

Degree: PH.D.  
Year: 1998  
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)  
Source: VOLUME 59/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4377. 131 PAGES

...simple, the problem has various real world applications such as scheduling customer orders, scheduling the **production** of components for subsequent assembly into final products, crane scheduling at a port, and **automotive repair shop** scheduling.

First, we examine batch scheduling problems with no restrictions on the number of jobs...

...tasks. For example, consider a manufacturing facility which produces personal computers. In the facility, a **monitor** and a keyboard are produced separately on different machines, but they are shipped together as ...

8/3,K/8 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

2694784 H.W. WILSON RECORD NUMBER: BAST03183963

**Tank command**

Ward, Jonathan;  
Engineering (London, England) v. 244 no1 (Jan. 2003) p. 41-2, 44  
DOCUMENT TYPE: Feature Article ISSN: 0013-7782

ABSTRACT: Lean **production** techniques developed by the automotive industry have enabled the British Ministry of Defence-owned ABRO **vehicle repair business** to improve its **workflow**. ABRO uses nondestructive techniques to identify weaknesses and cracks in the hulls of armored vehicles...

...the package difficult to operate so the company moved over to Microsoft's Project 2002 **software**. Project 2002 is installed in a central server and ABRO's users are now able...

8/3,K/9 (Item 2 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

1292622 H.W. WILSON RECORD NUMBER: BAST96014837

**Comparison between solid sampler and impinger for evaluation of occupational exposure to 1,6-hexamethylene diisocyanate polyisocyanates during spray painting**

Maitre, A; Leplay, A; Perdrix, A  
American Industrial Hygiene Association Journal v. 57 (Feb. '96) p. 153-60  
DOCUMENT TYPE: Feature Article ISSN: 0002-8894

ABSTRACT: This study evaluated two air sampling methods for **monitoring** the level and the variability of a painter's exposure to HDI polyisocyanates while spraying Tolonate-based paints in typical **autobody repair shop** paint booths. Personal air samples were collected by midget impingers containing 1-(2-methoxyphenyl)piperazine...

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...the painter's breathing zone. The use of an appropriate half-face mask with 90 **efficiency** was recommended, since it reduced the residual exposure well below the STEL (1 mg/m<sup>3</sup>...  
?

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? t11/3,k/all

11/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

016023736 \*\*Image available\*\*  
WPI Acc No: 2004-181587/200418  
XRPX Acc No: N04-144328

Production of a fixed track for trams and trains comprises forming a concrete-monolithic roadway body, gluing rails to a hard foam strip below a rail foot, and aligning the rails in the track grooves using track adjusting devices

Patent Assignee: GAWLISTA P (GAWL-I)

Inventor: GAWLISTA P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10251791	B3	20040304	DE 1051791	A	20021107	200418 B

Priority Applications (No Type Date): DE 1051791 A 20021107

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10251791	B3		8	E01B-037/00	

Production of a fixed track for trams and trains comprises forming a concrete-monolithic roadway body, gluing rails to a hard foam strip below...

11/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015704007 \*\*Image available\*\*  
WPI Acc No: 2003-766200/200372  
XRPX Acc No: N03-613699

Railroad cab signal quality detection system for use in connection with railroad cab signaling system, has quality analysis subsystem that evaluates measured cab signal parameter to determine measure of quality of cab signal parameter

Patent Assignee: GENERAL ELECTRIC CO (GENE )

Inventor: JOHNSON J H

Number of Countries: 100 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030158637	A1	20030821	US 2002357619	P	20020215	200372 B
			US 2002294261	A	20021113	
WO 200370536	A1	20030828	WO 2003US582	A	20030109	200372
AU 2003207490	A1	20030909	AU 2003207490	A	20030109	200427
US 6763290	B2	20040713	US 2002357619	P	20020215	200446
			US 2002294261	A	20021113	

Priority Applications (No Type Date): US 2002357619 P 20020215; US 2002294261 A 20021113

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030158637	A1		13	G06F-017/00	Provisional application US 2002357619

Search Report from Ginger R. DeMille

WO 200370536 A1 E B61L-003/24

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM  
ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG  
ZM ZW

AU 2003207490 A1 B61L-003/24 Based on patent WO 200370536  
US 6763290 B2 G06F-017/00 Provisional application US 2002357619

Abstract (Basic):

... Improves rail operations **efficiency**. Suppresses duplicate  
repair orders for a given **track** circuit or **vehicle** until previously  
issued **repair** orders have been complete, or suppresses or ignores  
quality reports from vehicles that have failures...

11/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012443987 \*\*Image available\*\*

WPI Acc No: 1999-250095/199921

XRPX Acc No: N99-186707

**Vehicle repair cost estimating system - performs repair cost estimation  
based on vehicle attribute data and repair vehicle data**

Patent Assignee: YOKU SYSTEM KK (YOKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11073456	A	19990316	JP 97233130	A	19970828	199921 B

Priority Applications (No Type Date): JP 97233130 A 19970828

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11073456 A 14 G06F-017/60

...Abstract (Basic): **ADVANTAGE** - Reduces work for confirming the damage  
position, damage range and deformation range of the **repair vehicle**.  
Prevents error caused by visual **observation**. Simplifies repair cost  
estimate. Improves estimation process **efficiency**. Enables showing a  
clear and transparent estimate to a user. DESCRIPTION OF DRAWING(S) -  
The...

11/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012442676 \*\*Image available\*\*

WPI Acc No: 1999-248784/199921

XRPX Acc No: N99-185401

**Controller for mounting body frame in construction machinery e.g.  
hydraulic excavator - obtains car body information from EEPROM for  
limiting write-in frequency, by temporarily storing data in RAM**

Search Report from Ginger R. DeMille

Patent Assignee: HITACHI CONSTR MACHINERY CO LTD (HITT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11071786	A	19990316	JP 97247811	A	19970828	199921 B

Priority Applications (No Type Date): JP 97247811 A 19970828

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11071786	A		8 E02F-009/20	

...Abstract (Basic): even the frequency of writing in to EEPROM exceeds specific value. The validity of trial **production evaluation** and speck **fixation** of **car** body is simplified for solving trouble quickly and correctly. DESCRIPTION OF DRAWING(S) - The figure...

11/3,K/5 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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07802378 \*\*Image available\*\*

METHOD, SYSTEM, PROGRAM AND RECORDING MEDIUM FOR DESIGNING LIGHTING FIXTURE FOR VEHICLE

PUB. NO.: 2003-296401 [JP 2003296401 A]

PUBLISHED: October 17, 2003 (20031017)

INVENTOR(s): MORIKAWA TAIYO  
ISHIKAWA MASAHIITO

APPLICANT(s): KOITO MFG CO LTD

APPL. NO.: 2002-102958 [JP 2002102958]

FILED: April 04, 2002 (20020404)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method, system, and program for designing a lighting **fixture** for a **vehicle** for improving the design **efficiency** of the lighting fixture satisfying design conditions including a condition for performance required as a lighting **fixture** for a **vehicle** and a constraint given for each lighting fixture, and a recoding medium **recording** the program.

SOLUTION: The system, **1** for designing the lighting fixture consists of a database...

11/3,K/6 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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07802377 \*\*Image available\*\*

METHOD, SYSTEM FOR DESIGNING LIGHTING FIXTURE FOR VEHICLE, PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-296400 [JP 2003296400 A]

PUBLISHED: October 17, 2003 (20031017)

INVENTOR(s): ISHIKAWA MASAHIITO

APPLICANT(s): KOITO MFG CO LTD

APPL. NO.: 2002-102923 [JP 2002102923]

FILED: April 04, 2002 (20020404)

327-Aug-0405:17 PM



Search Report from Ginger R. DeMille

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method, a system for designing a lighting **fixture** for **vehicle**, a program and a **recording** medium in which the program is **recorded** by which design **efficiency** of the lighting fixture satisfying design conditions including performance conditions requested as the lighting **fixture** for **vehicle** and restricted conditions to be provided by every lighting fixture is enhanced.

SOLUTION: The system...

11/3,K/7 (Item 3 from file: 347)

DIALOG(R) File 347:JAPIO

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07802376 \*\*Image available\*\*

METHOD, SYSTEM FOR DESIGNING LIGHTING FIXTURE FOR VEHICLE, PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-296399 [JP 2003296399 A]

PUBLISHED: October 17, 2003 (20031017)

INVENTOR(s): OTSUKA HIDENORI  
ISHIKAWA MASAHIITO

APPLICANT(s): KOITO MFG CO LTD

APPL. NO.: 2002-102914 [JP 2002102914]

FILED: April 04, 2002 (20020404)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method, a system for designing a lighting **fixture** for **vehicle**, a program and a **recording** medium in which the program is **recorded** by which design **efficiency** of the lighting fixture satisfying design conditions including performance conditions requested as the lighting **fixture** for **vehicle** and restricted conditions to be provided by every lighting fixture is enhanced.

SOLUTION: The system...

11/3,K/8 (Item 4 from file: 347)

DIALOG(R) File 347:JAPIO

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07315728 \*\*Image available\*\*

REFLECTION SURFACE DESIGN METHOD OF REFLECTION MIRROR OF VEHICLE LIGHTING FIXTURE, REFLECTION SURFACE DESIGN SYSTEM AND RECORDING MEDIUM

PUB. NO.: 2002-184215 [JP 2002184215 A]

PUBLISHED: June 28, 2002 (20020628)

INVENTOR(s): KAWASHIMA HIROYUKI  
TATSUKAWA MASASHI

APPLICANT(s): KOITO MFG CO LTD

APPL. NO.: 2000-383974 [JP 2000383974]

FILED: December 18, 2000 (20001218)

ABSTRACT

...BE SOLVED: To provide a reflection surface design method of a reflection mirror of a **vehicle** lighting **fixture**, a reflection surface design system and a **recording** medium in which controllability of a light

Search Report from Ginger R. DeMille

distribution pattern and **efficiency** of designing are enhanced.

SOLUTION: The number of base points, Y coordinates of respective base...

11/3,K/9 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07314852 \*\*Image available\*\*  
DAMAGE EVALUATION METHOD AND INFORMATION PROCESSING DEVICE AND STORAGE  
MEDIUM

PUB. NO.: 2002-183338 [JP 2002183338 A]  
PUBLISHED: June 28, 2002 (20020628)  
INVENTOR(s): MITSUOKA ETSUO  
APPLICANT(s): HITACHI LTD  
APPL. NO.: 2000-380509 [JP 2000380509]  
FILED: December 14, 2000 (20001214)

ABSTRACT

PROBLEM TO BE SOLVED: To promote **efficiency** of a work for damage  
**evaluation** such as the estimate of a **repair** cost of a damaged **vehicle**  
or the like.

SOLUTION: The normal vehicle shape (normal vehicle shape data 307) and the  
...

11/3,K/10 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06775828 \*\*Image available\*\*  
TRACK CONSTRUCTION CRANE

PUB. NO.: 2001-003302 [JP 2001003302 A]  
PUBLISHED: January 09, 2001 (20010109)  
INVENTOR(s): YAMADA ISAO  
KAGAWA GISABURO  
APPLICANT(s): NITSUCHI KK  
APPL. NO.: 11-176527 [JP 99176527]  
FILED: June 23, 1999 (19990623)

ABSTRACT

... by manual operation, ensuring a sufficient load space, horizontally  
holding it and having high work **efficiency**.

SOLUTION: A **track** construction crane is equipped with a **fixed** frame 3  
erected on a **truck** 2 capable of being traveled on a **track**, a fixed  
ceiling frame 4 provided at an upper position of the fixed frame 3...

11/3,K/11 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05817799 \*\*Image available\*\*  
ON-TRACK-AND-ROAD RUNNING TYPE DEVICE FOR REPAIRING HEADMOST CAR OF

Search Report from Ginger R. DeMille

SHINKANSEN LINE TRAIN

PUB. NO.: 10-100899 [JP 10100899 A]  
PUBLISHED: April 21, 1998 (19980421)  
INVENTOR(s): TAKAU KENZOU  
TOMITA JUNICHI  
MOTOYAMA NOBORU  
ANDO MITSUHIRO  
APPLICANT(s): EAST JAPAN RAILWAY CO [491190] (A Japanese Company or  
Corporation), JP (Japan)  
SHINKO ELECTRIC CO LTD [000205] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-257173 [JP 96257173]  
FILED: September 27, 1996 (19960927)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an on- **track** -and-road running type device for **repairing** the headmost **car** of a Shinkansen Line Train which can improve working **efficiency** in carrying out working at the side of the Shinkansen Line...

11/3,K/12 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6257691 INSPEC Abstract Number: C1999-07-1290F-032

**Title: Designing of a production ordering system for automobile repair parts**

Author(s): Hiraki, S.; Ishii, K.; Katayama, H.

Author Affiliation: Fac. of Econ., Hiroshima Univ., Japan

Journal: International Journal of Production Economics Conference Title:  
Int. J. Prod. Econ. (Netherlands) vol.60-61 p.289-94

Publisher: Elsevier,

Publication Date: 20 April 1999 Country of Publication: Netherlands

CODEN: IJPEE6 ISSN: 0925-5273

SICI: 0925-5273(19990420)60/61L:289:DP05;1-O

Material Identity Number: P531-1999-005

U.S. Copyright Clearance Center Code: 0925-5273/99/\$20.00

Conference Title: Proceedings of the 14th International Conference on  
Production Research

Conference Date: 4-8 Aug. 1997 Conference Location: Osaka, Japan

Language: English

Subfile: C

Copyright 1999, IEEE

Abstract: This paper aims to design a **production** ordering system for **automobile repair** parts which satisfies users' demand with low inventory. We **analyze** the characteristics of a time-series demand structure of **automobile repair** parts and propose a **production** ordering system for those parts which are supplied to overseas markets in the form of...

11/3,K/13 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5772663 INSPEC Abstract Number: B9801-0170L-038, C9801-7440-051

627-Aug-0405:17 PM

**Title: Acoustic quality test and fault detection of automobile gearboxes using artificial neural networks and fuzzy logic**

Author(s): Barschdorff, D.; Kronmuller, M.M.

Author Affiliation: Paderborn Univ., Germany

Conference Title: 28th International Symposium on Automotive Technology and Automation. Proceedings for the Dedicated Conference on Mechatronics - Efficient Computer Support for Engineering, Manufacturing, Testing and Reliability p.449-56

Editor(s): Soliman, J.I.; Roller, D.

Publisher: Automotive Automation, Croydon, UK

Publication Date: 1995 Country of Publication: UK 810 pp.

ISBN: 0 947719 72 5 Material Identity Number: XX95-02095

Conference Title: Proceedings of Conference on Mechatronics - Efficient Computer Support for Engineering, Manufacturing, Testing and Reliability

Conference Date: 18-22 Sept. 1995 Conference Location: Stuttgart, Germany

Language: English

Subfile: B C

Copyright 1997, IEE

Abstract: Automobile drivers appreciate low interior noise levels as a positive quality feature. The automatic **evaluation** of engine and gearbox noise levels as well as **production** fault detection are **fixed** parts of **car** quality tests. Typical tasks which have to be performed in this context are sensor choice...

11/3,K/14 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5501045 INSPEC Abstract Number: C9703-7160-047

**Title: Development of MIS for automobile repair industry**

Author(s): Zhou, D.M.; Zhang, L.; Fu, B.C.; Wen, F.Y.

Author Affiliation: Inst. of Comput. Appl. Technol., Henan Univ., Kaifeng, China

Conference Title: Computer Applications in Production and Engineering. Proceedings of CAPE '95 p.365-73

Editor(s): Sun, Q.; Tang, Z.; Zhang, Y.

Publisher: Chapman & Hall, London, UK

Publication Date: 1995 Country of Publication: UK xi+899 pp.

ISBN: 0 412 70770 5 Material Identity Number: XX95-01222

Conference Title: Proceedings of the Fifth International Conference on Computer Applications in Production and Engineering

Conference Sponsor: IFIP; Comput. Eng. & Application Soc. Chinese Inst. Electron

Conference Date: May 1995 Conference Location: Beijing, China

Language: English

Subfile: C

Copyright 1997, IEE

Abstract: This paper gives a general **analysis** of a **production** model and a management model applied to the **automobile repair** industry. An auto-**repair** MIS system model and an implementation model is also described. An application of this auto...

11/3,K/15 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03083400 INSPEC Abstract Number: B88018446

**Title: Production test/QC/QA. Manufacturing system integration: tying it all together for a competitive advantage**

Author(s): Disessa, R

Author Affiliation: GenRad Inc., Concord, MA, USA

Journal: Evaluation Engineering vol.26, no.11 p.15-16, 18, 22, 24, 26

Publication Date: Nov. 1987 Country of Publication: USA

CODEN: EVENAE ISSN: 0149-0370

Language: English

Subfile: B

...Abstract: and their continuing advancement which can bring the functional pieces of design (CAE/CAD/CAT), **production test, analysis and repair** (ATE/ **CAR** ), **production** assembly and quality control together. At the heart of this technology is an open architecture...

11/3,K/16 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01484408 ORDER NO: AADAA-I9618121

**DISCURSIVE AND COGNITIVE REORGANIZATION THROUGH TRAINING ON A NEW TECHNOLOGY (CONCEPTUAL DEVELOPMENT, SEMIOTIC MEDIATION)**

Author: ZAZANIS, ELENA

Degree: PH.D.

Year: 1996

Corporate Source/Institution: CITY UNIVERSITY OF NEW YORK (0046)

Source: VOLUME 57/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 730. 189 PAGES

...in a transportation remanufacturing facility in which their responsibilities included managing, planning and executing the **repair** and maintenance of public transportation **vehicles** .

The first phase of the study consisted of ethnographic **observation** and detailed pre-training interviews which probed for existing concepts of **production** and scheduling. This phase was followed by a training workshop that engaged trainees in constructing...

11/3,K/17 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2004 ProQuest Info&Learning. All rts. reserv.

698343 ORDER NO: AAD80-25678

**THE INFORMAL SECTOR IN ABIDJAN, IVORY COAST: A CASE STUDY**

Author: EFFRON, LAURIE

Degree: PH.D.

Year: 1980

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

Source: VOLUME 41/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2215. 192 PAGES

....a survey carried out in 1975 on a sample of small-scale tailoring, carpentry and **vehicle - repair** firms. We **analyze** the characteristics associated with **efficiency** , look at amounts of entry capital and profit

Search Report from Ginger R. DeMille

rates for evidence of entry barriers, and...

11/3,K/18 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rights reserv.

00226857 90PK10-161

**NYC Transit Authority struggles to automate antiquated system**

Scheier, Robert L

PC WEEK , October 8, 1990 , v7 n40 p159,161, 2 Pages

ISSN: 0740-1604

...Transit Authority's 207th Street repair facility. Says the ATM helped improve the quality of **repair** work on **trucks** by making available **track** management information and **production** reports for 25,000 trucks and 800 workers. Includes a sidebar featuring a summary of...

Search Report from Ginger R. DeMille

? t24/3,k/all

**24/3,K/1 (Item 1 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01540578 ORDER NO: AAD97-12571  
**STATISTICAL ANALYSIS OF MAINTENANCE GROWTH CURVES (REPEATED MEASURES,  
FLEET, TRUCKS)**

Author: KIRCHOFF, THOMAS JAMES  
Degree: PH.D.  
Year: 1996  
Corporate Source/Institution: IOWA STATE UNIVERSITY (0097)  
Source: VOLUME 57/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 7027. 109 PAGES

...considered.

(1) A linear interpolation method: Linear interpolation is used to fit an empirical labor **hour** curve for each **truck**. Mean cumulative labor **hours** within **fixed** mileage intervals are **estimated** by averaging across these curves. This approach has the advantage of being easy to program...

**24/3,K/2 (Item 1 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09313638  
Insurance company develops motor standards policy  
BARBADOS: CGI RELEASES GARAGE QUALITY POLICY  
Nation News (AXT) 26 Jun 2000 Online  
Language: ENGLISH

... are equipped with the instruments needed to meet these standards, which include provisions for 24- **hour estimates**; complimentary loaner **cars** for clients if **repairs** are delayed; spare parts delivery within two weeks maximum for special orders; and a 25...

PRODUCT: **Automotive Repair Services**

**24/3,K/3 (Item 2 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06700597  
VW automates servicing  
GERMANY: CAR SERVICING VIA MULTIMEDIA TERMINAL  
Motor Trader (MTR) 5 Oct 1998 p.11  
Language: ENGLISH

... Nixdorf, which allows a customer to use a touchscreen terminal to enter their maintenance and **repair** requirements 24 **hours** a day. An **estimate** and order confirmation is then printed out with instructions on when and how to collect...

PRODUCT: **Automotive Repair Services**

?

? t22/3,k/all

**22/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016316042 \*\*Image available\*\*

WPI Acc No: 2004-473987/200445

XRPX Acc No: N04-374858

**Insured motor- vehicle repair electronic bid method involves  
estimating successful tenderer of contact price that is transmitted by  
traders center by referring repair content and repair offer price**

Patent Assignee: WATANABE K (WATA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004185394	A	20040702	JP 2002352480	A	20021204	200445 B

Priority Applications (No Type Date): JP 2002352480 A 20021204

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2004185394 A 18 G06F-017/60

**Insured motor- vehicle repair electronic bid method involves  
estimating successful tenderer of contact price that is transmitted by  
traders...**

Abstract (Basic):

... The **repair** content of insured **vehicle** that undergoes  
accident and **repair** price **estimated** by an operation center (12) at  
**time of production**, is transmitted to a purchase order management  
center (15) for determining repair content and repair...

... An INDEPENDENT CLAIM is also included for insured motor- **vehicle**  
**repair** electronic bid system...

...For electronic bidding of insured motor- **vehicle** **repair** through  
communication line...

...The motor- **vehicle** **repair** is ordered at cheap contract price easily  
...

...The figure shows a block diagram of the insured motor- **vehicle** **repair**  
electronic bid system. (Drawing includes non-English language text...

**22/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016282155 \*\*Image available\*\*

WPI Acc No: 2004-440050/200441

XRPX Acc No: N04-348263

**Appointment scheduling method for service provider e.g. vehicle  
collision repair service provider, involves calculating available job  
drop-off slot through iterative process and presenting slot as  
appointment option**

Patent Assignee: CARLSON K R (CARL-I); MCCREIGHT D C (MCCR-I)

Inventor: CARLSON K R; MCCREIGHT D C



Search Report from Ginger R. DeMille

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040102983	A1	20040527	US 2002306358	A	20021127	200441 B

Priority Applications (No Type Date): US 2002306358 A 20021127

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040102983	A1	11	G06F-017/60	

**Appointment scheduling method for service provider e.g. vehicle collision repair service provider, involves calculating available job drop-off slot through iterative process and presenting slot...**

Abstract (Basic):

... The method involves **estimating** a **time** necessary to complete a job e.g. **vehicle collision repair** job for providing an **estimated job time**. An available job drop-off slot is calculated through an iterative process to accommodate the...

... Used for scheduling an appointment (claimed) by a service provider e.g. **vehicle collision repair** service provider...

...the service provider to balance the intake and outflows of new repair jobs throughout the **production** period, thus improving the work flowing through the service providers facility. The method enables the balance of number of **production** hours necessary for completion of jobs that are dropped off on any given **production** day to evenly distribute the workload of a facility throughout the **production** week

...flow chart of the method steps associated with the scheduling of an appointment for a **vehicle collision repair** service provider...

22/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016178375 \*\*Image available\*\*

WPI Acc No: 2004-336262/200431

XRPX Acc No: N04-268612

**Constant drive speed controller for vehicles , maintains variation of setting vehicle speed to predetermined fixed time if divided vehicle speed equals to paragraph vehicle speed value**

Patent Assignee: NISSAN MOTOR CO LTD (NSMO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004114988	A	20040415	JP 2002285036	A	20020930	200431 B

Priority Applications (No Type Date): JP 2002285036 A 20020930

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004114988	A	13	B60K-031/00	

**Constant drive speed controller for vehicles , maintains variation of setting vehicle speed to predetermined fixed time if divided vehicle speed equals to paragraph vehicle speed value**

227-Aug-0405:28 PM

Search Report from Ginger R. DeMille

Abstract (Basic):

... operation time  $t'$  is lengthened. A speed variation of change unit maintains the variation of **setting vehicle** speed to predetermined **fixed time**  $T'$  if the divided **vehicle** speed equals to a paragraph vehicle-speed value  $VL'$ .

22/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016107624 \*\*Image available\*\*

WPI Acc No: 2004-265500/200425

**Method for processing overhaul service of car**

Patent Assignee: KIM Y S (KIMY-I)

Inventor: KIM Y S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003094657	A	20031218	KR 200231899	A	20020607	200425 B

Priority Applications (No Type Date): KR 200231899 A 20020607

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
KR 2003094657	A		1	H04Q-007/24	

**Method for processing overhaul service of car**

Abstract (Basic):

... A method for processing an overhaul service of a **car** is provided to enable a **car** user to confirm an **overhaul** state of a **car** in real time through a moving picture or a still image over the Internet, thereby...

... system decides whether the overhaul targets on a specific item or entire items of the **car**, and executes the **overhaul**. If the **car** has a fault, the system calculates **predicted time** for **repairing** and an **estimate**, and informs the user of results. The system takes a picture of a repairing state...

...moving picture of a still image, and displays the picture over the Internet. When the **car** is fully **overhauled**, the system informs the user of an **overhauled** state. When the **car** is sent to the user, the system settles accounts for the overhaul...

22/3,K/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015760365 \*\*Image available\*\*

WPI Acc No: 2003-822567/200377

XRPX Acc No: N03-657937

**Clutch control apparatus used in motor vehicle e.g. truck, fixes predetermined time stroke desired value, after which clutch stroke desired value is increased during disconnection of clutch**

Patent Assignee: MITSUBISHI FUSOU TRUCK BUS KK (MITS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Search Report from Ginger R. DeMille

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003278805	A	20031002	JP 200279466	A	20020320	200377 B

Priority Applications (No Type Date): JP 200279466 A 20020320

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003278805	A		7	F16D-048/02	

Clutch control apparatus used in motor vehicle e.g. truck , fixes predetermined time stroke desired value, after which clutch stroke desired value is increased during disconnection...

Abstract (Basic):

... a clutch actuator (21), based on clutch stroke desired value set by a desired value setting unit (61). A predetermined time stroke desired value is fixed , after which the clutch stroke desired value is increased to a predetermined stroke during disconnection...

22/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rights reserved.

015214667 \*\*Image available\*\*

WPI Acc No: 2003-275204/200327

XRPX Acc No: N03-218481

Model racing toy car set for children, has model transport vehicle conversion portion for transforming transport vehicle into model racing pit stop after deploying model vehicle

Patent Assignee: LITTLE TIKES CO (LITT-N)

Inventor: TEMPLE K D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6520829	B1	20030218	US 2000628268	A	20000728	200327 B

Priority Applications (No Type Date): US 2000628268 A 20000728

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6520829	B1		7	A63H-017/05	

Abstract (Basic):

... Used as learning toy for children. Also for challenging child to achieve specific goal through creative interaction, as well as make vehicle repairs under time pressure...

...the excitement of a race and a racing team environment. Allows children to make simplified repairs to a racing vehicle resulting in resuming the race. Stimulates a variety of vehicle malfunctions and instructs a child on which defect to repair. Provides accessories to the racing vehicle that make stimulated repairs more realistic. Provides a transport vehicle that can be quickly converted to a racing pit stop. Provides vehicles and accessories that prompt a child to make repairs to a racing vehicle , encourage the child through audible cues and vehicle motion, and provide excitement during play...

...The figure shows the perspective view showing the model vehicle deploying from the transport vehicle and the deployed repair

compartment...

22/3,K/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015186984 \*\*Image available\*\*

WPI Acc No: 2003-247517/200324

XRPX Acc No: N03-196725

**Vehicle damage claim processing method for insurance providers involves repairing damaged claimant vehicle at selected repair facility and returning repaired vehicle to claimant**

Patent Assignee: GELLEN S (GELL-I); PASSELL B J (PASS-I); RENWICK G M (RENW-I)

Inventor: GELLEN S; PASSELL B J; RENWICK G M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020188479	A1	20021212	US 2001874483	A	20010605	200324 B

Priority Applications (No Type Date): US 2001874483 A 20010605

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020188479	A1		11	G06F-017/60	

**Vehicle damage claim processing method for insurance providers involves repairing damaged claimant vehicle at selected repair facility and returning repaired vehicle to claimant**

Abstract (Basic):

... vehicle damage claim is reported to an insurance provider from the claimant and the damaged vehicle is delivered to an insurer associated facility. A repair estimate is prepared at the facility and a specific repair facility is selected based on the choice of the insurance provider. The damaged vehicle is repaired at the facility and it is returned to the claimant through the insurer facility.

... Vehicle damage repair process for insurance providers...

...maintaining the entire process less burdensome for the claimant. Enables efficient handling of the damage vehicle claim processing. Reduces the repair time and the number of supplemental inspections and estimates, and thus improves the quality of the damage estimates and repairs. Since the estimate is

22/3,K/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015110799 \*\*Image available\*\*

WPI Acc No: 2003-171318/200317

XRPX Acc No: N03-135532

**Back-seat air conditioner for vehicle has controller which computes target temperature of port air, supplied towards inside of vehicle, based on fixed temperature and computed overshoot amount**

Patent Assignee: NIPPONDENSO CO LTD (NPDE )

Search Report from Ginger R. DeMille

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003011637	A	20030115	JP 2001202468	A	20010703	200317 B

Priority Applications (No Type Date): JP 2001202468 A 20010703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003011637	A		14	B60H-001/00	

... for vehicle has controller which computes target temperature of port air, supplied towards inside of vehicle, based on fixed temperature and computed overshoot amount

Abstract (Basic):

... temperature at the time of the alteration of the fixed temperature. The controller computes the target temperature of a port air supplied towards the inside of a vehicle, based on the fixed temperature and the computed overshoot amount.

22/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015059102 \*\*Image available\*\*

WPI Acc No: 2003-119618/200311

XRPX Acc No: N03-095277

Process control system for repairing damaged vehicle, determines repair reservation and reservation day/ time based on vehicle information, repair - estimation time and repair reservation data

Patent Assignee: EAC CO LTD (EACE-N)

Inventor: UEGAKI T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020111836	A1	20020815	US 2000753241	A	20001229	200311 B

Priority Applications (No Type Date): US 2000753241 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020111836	A1		21	G06F-017/60	

Process control system for repairing damaged vehicle, determines repair reservation and reservation day/ time based on vehicle information, repair - estimation time and repair reservation data

Abstract (Basic):

... A central processing unit determines the repair reservation and reservation day/ time based on the vehicle information, the input repair - estimation time and repair reservation data stored on a hard disk drive, and provides the result on a screen.

... For controlling the process of repairing damaged vehicle.

... Since the repair reservation and reservation time /day are automatically calculated from estimated content, the vehicle repair request is reserved by performing simple manipulation

Search Report from Ginger R. DeMille

22/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014924781 \*\*Image available\*\*

WPI Acc No: 2002-745488/200281

XRPX Acc No: N02-587392

Power steering system for vehicles, computes control force based on predicted vehicle state and regulates control force adjustment device accordingly to return steering wheel to neutral position

Patent Assignee: NISSAN MOTOR CO LTD (NSMO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002264831	A	20020918	JP 200163403	A	20010307	200281 B

Priority Applications (No Type Date): JP 200163403 A 20010307

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002264831	A		9	B62D-006/00	

Abstract (Basic):

... to change angle ratio of steering (1) and front wheels based on vehicle speed. A prediction device computes vehicle state after a fixed time from present state. A calculation device computes a control force based on the predicted vehicle...

22/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014865597 \*\*Image available\*\*

WPI Acc No: 2002-686303/200274

XRPX Acc No: N02-541888

Vehicle speed violation control system calculates time difference between transmission and reception of laser beams from target vehicle, based on which distance and speed of vehicle are calculated

Patent Assignee: SOKKEN KK (SOKK-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002208089	A	20020726	JP 2000405005	A	20001229	200274 B

Priority Applications (No Type Date): JP 2000405005 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002208089	A		4	G08G-001/054	

Abstract (Basic):

... The laser beams are radiated at fixed intervals onto a target vehicle using a laser range finder. The time difference between transmission and reception of the laser beams, is calculated, based on which distance...

22/3,K/12 (Item 12 from file: 350)

Search Report from Ginger R. DeMille

DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014649415 \*\*Image available\*\*

WPI Acc No: 2002-470119/200250

Related WPI Acc No: 2000-095557

XRPX Acc No: N02-371060

**Railroad track hazardous spots location determination method involves comparing sensed altitudes of rail car at multiple positions on railroad track, with reference altitudes**

Patent Assignee: BOEDIGHEIMER D (BOED-I); HAWKINSON W (HAWK-I); KORVER K (KORV-I)

Inventor: BOEDIGHEIMER D; HAWKINSON W; KORVER K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6373403	B1	20020416	US 97811128	A	19970303	200250 B
			US 99434246	A	19991105	

Priority Applications (No Type Date): US 97811128 A 19970303; US 99434246 A 19991105

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6373403	B1	16	G08G-001/23		Cont of application US 97811128
					Cont of patent US 5986547

Abstract (Basic):

... which specific portions of track deteriorate is kept thereby a railroad company is enabled to **predict** the time of track replacement or their **repair**. **Train** derailments can be reduced significantly as from the sensed values, the tracks are repaired before...

22/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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013895995 \*\*Image available\*\*

WPI Acc No: 2001-380208/200140

XRPX Acc No: N01-278680

**Time estimation method for repairing surface damaged with interspaced defects, involves performing mathematical process using representative area data, number of defects and relative severity of defects**

Patent Assignee: MCPHERSON R M (MCPH-I)

Inventor: REID M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6219930	B1	20010424	US 9876267	A	19980227	200140 B
			US 98216366	A	19981218	

Priority Applications (No Type Date): US 9876267 P 19980227; US 98216366 A 19981218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6219930	B1	9	G01B-003/14		Provisional application US 9876267

**Time estimation method for repairing surface damaged with**

Search Report from Ginger R. DeMille

interspaced defects, involves performing mathematical process using representative area data, number of...

Abstract (Basic):

... representative area data, number of defects and relative severity of defects, so as to determine time estimate for repairing the surface.  
... A method for rapidly and reliably estimating the repair time and cost, for damaged vehicles is provided. The method additionally provides an electronic based system, for determining the damage data...

22/3,K/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013784396 \*\*Image available\*\*

WPI Acc No: 2001-268607/200128

XRPX Acc No: N01-192328

Communication access control procedure for vehicle, involves detecting number of vehicles communicated with specific vehicle in preset carrier sense period, for setting up random time period

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001045013	A	20010216	JP 99214473	A	19990729	200128 B

Priority Applications (No Type Date): JP 99214473 A 19990729

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001045013 A -B H04L-012/28

Abstract (Basic):

... of communication channel. When the channel is busy, the number of vehicles communicated with specific vehicle is detected for a fixed time, based on the estimated number of vehicle IDs. Based on the detection result, a random time period is setup from the maximum time interval of carrier sense period.

22/3,K/15 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013461858 \*\*Image available\*\*

WPI Acc No: 2000-633801/200061

XRPX Acc No: N00-469820

Traffic flow control system in city highways, determines number of inflow vehicles in predefined area at fixed time using preset dynamic model

Patent Assignee: SUMITOMO ELECTRIC IND CO (SUME )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000259976	A	20000922	JP 9960496	A	19990308	200061 B
JP 3473478	B2	20031202	JP 9960496	A	19990308	200402



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Priority Applications (No Type Date): JP 9960496 A 19990308

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000259976	A		15	G08G-001/00	
JP 3473478	B2		16	G08G-001/00	Previous Publ. patent JP 2000259976

**Traffic flow control system in city highways, determines number of inflow vehicles in predefined area at fixed time using preset dynamic model**  
Abstract (Basic):

... An estimation unit **estimates** the number of **vehicles** existing in predetermined area at **fixed time** using E(K)-Q model, where Q is traffic flow and E is number of...

22/3,K/16 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013220321 \*\*Image available\*\*

WPI Acc No: 2000-392195/200034

XRPX Acc No: N00-294091

**Vehicle collision judging apparatus judges collision vehicle based on output of receiving vehicle path estimator and collision time estimator**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000132799	A	20000512	JP 98308090	A	19981029	200034 B
JP 3519617	B2	20040419	JP 98308090	A	19981029	200427

Priority Applications (No Type Date): JP 98308090 A 19981029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000132799	A		10	G08G-001/16	
JP 3519617	B2		10	G08G-001/16	Previous Publ. patent JP 2000132799

Abstract (Basic):

... The preceding vehicle recognition unit (12) recognizes the **vehicle** ahead of a vehicle based on output of range **fixed** on measurement unit (11). Recognized **vehicle** path **estimator** (13), then **estimates** moving path of recognized preceding vehicle. Collision **time estimator** (14) **estimates** collision **time** of vehicle with preceding vehicle based on which judging unit (15) judges vehicle collision state.

22/3,K/17 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010922361 \*\*Image available\*\*

WPI Acc No: 1996-419312/199642

XRPX Acc No: N96-353559

**Automatic train stoppage within fixed point using zone system - by outputting gradually brake step value through fixed point stop shift pattern corresp. to brake step value needed for stop control based on deceleration pattern**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ )

Search Report from Ginger R. DeMille

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8205319	A	19960809	JP 958814	A	19950124	199642 B
JP 3186939	B2	20010711	JP 958814	A	19950124	200140

Priority Applications (No Type Date): JP 958814 A 19950124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8205319	A		8	B60L-015/40	
JP 3186939	B2		8	B60L-015/40	Previous Publ. patent JP 8205319

**Automatic train stoppage within fixed point using zone system...**

...Abstract (Basic): speed of a train corresp. to a predetermined deceleration within a distance to a stop **target** point through a deceleration pattern. A **time** is set for a **fixed** point stop control shift pattern to which a starting time of each brake control is...

**22/3,K/18 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010142440 \*\*Image available\*\*

WPI Acc No: 1995-043691/199506

XRFX Acc No: N95-034269

**Computerised monitoring and maintenance method for vehicle repair using pocket computer - generating various prompts to operator requesting input of damage details, area of bodywork, repair time and unit costings to derive billing estimate**

Patent Assignee: NISSAN MOTOR CO LTD (NSMO )

Inventor: SAKAI N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5377098	A	19941227	US 89315635	A	19890227	199506 B

Priority Applications (No Type Date): JP 88236231 A 19880922; JP 8842135 A 19880226; JP 8842136 A 19880226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5377098	A		18	G06F-015/02	

**Computerised monitoring and maintenance method for vehicle repair using pocket computer...**

...generating various prompts to operator requesting input of damage details, area of bodywork, repair time and unit costings to derive billing estimate

**22/3,K/19 (Item 19 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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007215099

WPI Acc No: 1987-212108/198730

Search Report from Ginger R. DeMille

XRPX Acc No: N87-158398

**Training aid for drivers - has projector fitted to vehicle projects spot of light on to road to predict position of vehicle fixed time into future**

Patent Assignee: ALEKSEEV V E (ALEK-I)

Inventor: TROFIMOV G A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1277172	A	19861215	SU 3823119	A	19841210	198730 B

Priority Applications (No Type Date): SU 3823119 A 19841210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 1277172	A		5		

**... has projector fitted to vehicle projects spot of light on to road to predict position of vehicle fixed time into future**

22/3,K/20 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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07676954 \*\*Image available\*\*

**VEHICLE REPAIR ESTIMATION METHOD**

PUB. NO.: 2003-170817 [JP 2003170817 A]

PUBLISHED: June 17, 2003 (20030617)

INVENTOR(s): TAGUCHI SHINYA

APPLICANT(s): TSUBASA SYSTEM CO LTD

APPL. NO.: 2001-370844 [JP 2001370844]

FILED: December 05, 2001 (20011205)

**VEHICLE REPAIR ESTIMATION METHOD**

**ABSTRACT**

PROBLEM TO BE SOLVED: To provide a technology capable of showing an objective ground when **vehicle repair** is required, predicting a failure position or a failure component, predicting a failure passively occurring ...

... occurrence predicted in the various vehicles or a degree of the trouble corresponding to the **time**. The computer 1 predicts **repair**-needing **time** and a **repair**-needing portion of the **repair target vehicle** on the basis of the symptom information and the attribution information about the **target vehicle**. The computer 1 generates an **estimate** of the **vehicle repair** on the basis of the **predicted repair**-needing portion and the **repair**-needing **time**.

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22/3,K/21 (Item 2 from file: 347)

DIALOG(R) File 347:JAPIO

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07591469 \*\*Image available\*\*

VEHICLE RESCUE COMMUNICATION SYSTEM

PUB. NO.: 2003-085313 [JP 2003085313 A]  
PUBLISHED: March 20, 2003 (20030320)  
INVENTOR(s): UEDA TOMOHIRO  
TOKUNAGA MAKOTO  
HAMADA TAKUMI  
KODA HIROSHIGE  
APPLICANT(s): TSUBASA SYSTEM CO LTD  
APPL. NO.: 2001-274883 [JP 2001274883]  
FILED: September 11, 2001 (20010911)

ABSTRACT

...user and the repairer.

SOLUTION: This system sends a rescue requesting signal from the troubled vehicle to the vehicle repairer, sends conditions of the trouble and the current location of the vehicle at same time, sends a rescue requesting signal to the vehicle repairer approaching the above, location and performs diagnosis of the trouble and estimation of repair cost.

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22/3,K/22 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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07391098 \*\*Image available\*\*  
SUPPORT SYSTEM FOR REPAIRING GLASS

PUB. NO.: 2002-259599 [JP 2002259599 A]  
PUBLISHED: September 13, 2002 (20020913)  
INVENTOR(s): TSUJI HIROYOSHI  
MUNEYOSHI RYOTA  
YAMASHITA TOSHIAKI  
SAHODA AKIRA  
APPLICANT(s): ASAHI GLASS CO LTD  
APPL. NO.: 2001-060304 [JP 200160304]  
FILED: March 05, 2001 (20010305)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a support system for repairing glass, which enables a car user to get a cost estimation for repairing a sheet of glass for a car and data for a repairing shop easily as well as to reserve a repairing work.

SOLUTION: A repairing support server...  
... data for reservation to a glass-repairing shop terminal 6 when a customer reserves a repairing work according to a cost estimation displayed and, at the same time, transmits data to order parts to a computer located in a part center 5 if...

22/3,K/23 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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Search Report from Ginger R. DeMille

07314851    \*\*Image available\*\*

AUTOMOBILE MAINTENANCE CONTROL SYSTEM AND MAINTENANCE CONTROL METHOD

PUB. NO.:        2002-183337 [JP 2002183337 A]  
PUBLISHED:      June 28, 2002 (20020628)  
INVENTOR(s):    YOSHINO MASAHIKO  
APPLICANT(s):   KASHIWA SHARYO KK  
APPL. NO.:      2000-377674 [JP 2000377674]  
FILED:          December 12, 2000 (20001212)

ABSTRACT

...system and a maintenance control method.

SOLUTION: A maintenance control means 14 is connected to **repair shops** 12, 13 and **automobile** information registration means 18, 19 through an Internet network 11. The automobile information registration means...

... control means 14 receives the maintenance control information from the automobile information registration means 18, **predicts** a part exchange **time** of the **automobile**, retrieves the **repair shops** 12, 13 from the telephone number or the address of an owner, and transmits the...

22/3,K/24        (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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07248710    \*\*Image available\*\*

**REPAIR COST PREDICTING SYSTEM FOR WORKING VEHICLE**

PUB. NO.:        2002-117164 [JP 2002117164 A]  
PUBLISHED:      April 19, 2002 (20020419)  
INVENTOR(s):    ARASHIMA NOBUYUKI  
APPLICANT(s):   KOMATSU LTD  
APPL. NO.:      2000-311292 [JP 2000311292]  
FILED:          October 11, 2000 (20001011)

**REPAIR COST PREDICTING SYSTEM FOR WORKING VEHICLE**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **repair** cost predicting system for working **vehicle** by which suitable **repair** timing and repair costs can be predicted.

SOLUTION: This system is provided with a real repair history operation data file (13) storing repair history data such as the fault **repair** data of the **vehicle** and **repair** costs for each case of repair, a reference repair history value data file (14) storing...

...for each device as reference value data and an arithmetic means (15) for calculating and **predicting** the **repair** timing and the **repair** costs after the next **time** on the basis of the repair history data in the real repair history operation data...

... repair history operation data file (13), the arithmetic means (15) selects the reference value for **predicting** the **repair** timing and the **repair** costs after the next **time** out of the plural reference values of repair timing and **repair** costs corresponding to plural...

22/3,K/25 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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06915405 \*\*Image available\*\*

INTEGRATED **AUTOMOBILE REPAIR ESTIMATING SYSTEM**

PUB. NO.: 2001-142941 [JP 2001142941 A]

PUBLISHED: May 25, 2001 (20010525)

INVENTOR(s): USUI HIROSHI

APPLICANT(s): AL FORMULATE KK

APPL. NO.: 11-324224 [JP 99324224]

FILED: November 15, 1999 (19991115)

INTEGRATED **AUTOMOBILE REPAIR ESTIMATING SYSTEM**

ABSTRACT

... external repair (sheet metal coating) and internal repair (overhaul) spread over a common area in **automobile repair** and for electronically storing the system on a CD- ROM or floppy disk since these...

... are defined as the standards of data and work contents simultaneously over both the external **repair** and internal **repair** areas **setting** capable of executing the spreadsheet of man/ **hour** \*unit cost is preserved as an execution example. Besides, these data are preserved as...

22/3,K/26 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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06762223 \*\*Image available\*\*

**AUTOMOBILE REPAIR COST ESTIMATION SYSTEM**

PUB. NO.: 2000-348094 [JP 2000348094 A]

PUBLISHED: December 15, 2000 (20001215)

INVENTOR(s): USUI HIROSHI

APPLICANT(s): AL FORMULATE KK

APPL. NO.: 11-156625 [JP 99156625]

FILED: June 03, 1999 (19990603)

**AUTOMOBILE REPAIR COST ESTIMATION SYSTEM**

ABSTRACT

... and specified adjacent related parts are represented as codes to indicate that they can be **repaired** in parallel at the same **time**. An **estimation** before discount adjustment and an estimation after discount adjustment which are obtained from an index...

22/3,K/27 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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06762222 \*\*Image available\*\*

PROCESS CONTROL SYSTEM AND COMPUTER-READABLE MEDIUM WHERE PROGRAM IS RECORDED

Search Report from Ginger R. DeMille

PUB. NO.: 2000-348093 [JP 2000348093 A]  
PUBLISHED: December 15, 2000 (20001215)  
INVENTOR(s): KAMIGAKI TAKEO  
APPLICANT(s): EAC KK  
APPL. NO.: 11-155812 [JP 99155812]  
FILED: June 02, 1999 (19990602)

ABSTRACT

PROBLEM TO BE SOLVED: To properly and easily reserve **repairing** operation for a **vehicle**, etc., by reserving available date and **time** according to **estimated repair time** and data of reserved **repair**.

SOLUTION: A control part checks on a display device whether vehicle specification data and a damage position are inputted from a mouse or keyboard (S101, 102), and **estimates** an operation **time** and **repair** cost according to damage contents data (S103, 104). The control part displays a reservation state...

22/3,K/28 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO  
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06729413 \*\*Image available\*\*

BACK SIDE DIRECTION MONITORING DEVICE FOR VEHICLE AND BACK SIDE DIRECTION MONITORING ALARM DEVICE FOR VEHICLE

PUB. NO.: 2000-315255 [JP 2000315255 A]  
PUBLISHED: November 14, 2000 (20001114)  
INVENTOR(s): OKAMOTO KEIKI  
ISHIKAWA NAOTO  
FUJINAMI KAZUTOMO  
APPLICANT(s): YAZAKI CORP  
APPL. NO.: 2000-055461 [JP 200055461]  
FILED: March 01, 2000 (20000301)  
PRIORITY: 11-052435 [JP 9952435], JP (Japan), March 01, 1999 (19990301)

ABSTRACT

...by picking up an image of the road in the back side direction of the **vehicle** at every **fixed time** by an image pickup means 10 by a monitoring area **setting** means 31-1. Optical flow to be generated from other vehicles in the monitoring area...

22/3,K/29 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO  
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06271707 \*\*Image available\*\*

VEHICLE INTERRUPTION DETECTION CIRCUIT AND REAR-END COLLISION ALARMING DEVICE USING THE SAME

PUB. NO.: 11-213295 [JP 11213295 A]  
PUBLISHED: August 06, 1999 (19990806)  
INVENTOR(s): KOMATA SHINJI  
APPLICANT(s): KANSEI CORP  
APPL. NO.: 10-015746 [JP 9815746]  
FILED: January 28, 1998 (19980128)

ABSTRACT

... the vehicle in front calculated in a vehicle position prediction means 32 and overlaps the **predicted** position coordinate of a preceding **vehicle** after **fixed** time on the image of the lane extracted in a lane coordinate detection means 31. In...

... means 34, the tip, that is the coordinate, of the position vector for indicating the **predicted** position of the **vehicle** after **fixed** unit time is extracted based on synthesized images and whether or not it is positioned on the...

... it is positioned on the inner side, it is judged that the possibility that the **vehicle** in front interrupts after the **fixed** unit time is large and preliminary alarm signals are outputted to an alarm generation circuit ...

22/3,K/30 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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06192852 \*\*Image available\*\*

SYSTEM FOR ESTIMATING ACCIDENT **CAR** **REPAIR** COST AND RECORDING MEDIUM FOR THE SAME

PUB. NO.: 11-134403 [JP 11134403 A]

PUBLISHED: May 21, 1999 (19990521)

INVENTOR(s): SAKAI MICHIMOTO

APPLICANT(s): TSUBASA SYSTEM KK

APPL. NO.: 09-294609 [JP 97294609]

FILED: October 27, 1997 (19971027)

SYSTEM FOR ESTIMATING ACCIDENT **CAR** **REPAIR** COST AND RECORDING MEDIUM FOR THE SAME

ABSTRACT

...to be estimated can be specified, and when all the position selection is completed (S28), **repair** costs can be **estimated** (S30). At this time, warning and advice can be displayed corresponding to the inputted item related with the selection...

22/3,K/31 (Item 12 from file: 347)

DIALOG(R)File 347:JAPIO

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06057299 \*\*Image available\*\*

AIRPLANE POSITION DISPLAY DEVICE FOR CONSOLE FOR TERMINAL CONTROL AND USER INTERFACE DEVICE FOR SEQUENCING AIRPLANE

PUB. NO.: 10-340399 [JP 10340399 A]

PUBLISHED: December 22, 1998 (19981222)

INVENTOR(s): KO YASUHIRO

NISHIDA MASAHISA

NAKAJIMA TOSHIKAZU

OTSUKA RYUJI

APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-149455 [JP 97149455]



Search Report from Ginger R. DeMille

FILED: June 06, 1997 (19970606)

ABSTRACT

...of the loads of a control job and to execute the safe flight of an airplane by registering the final approach **FIX** (F) of the airplane .

...  
... registered beforehand on an airplane position display part inside a display 308. A final approach **FIX** passing **predicted** time calculation part 302 receives the information of three points (final approach **FIX**(F), common point...

...altitude, etc., of the airplane from a position calculation part 301 and calculates the passing **predicted** time of the final approach **FIX** (F) of each airplane based on the respective pieces of the information. The passing **predicted** time of the final approach **FIX** (F) of each airplane found in such a manner is sent to a display processing part 303, a display

22/3,K/32 (Item 13 from file: 347)

DIALOG(R) File 347:JAPIO

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06041030 \*\*Image available\*\*

VEHICLE HEIGHT CONTROL DEVICE

PUB. NO.: 10-324130 [JP 10324130 A]

PUBLISHED: December 08, 1998 (19981208)

INVENTOR(s): MURATA MASAHIRO  
OSANAWA SATOSHI

APPLICANT(s): TOYOTA MOTOR CORP [000320] (A Japanese Company or Corporation), JP (Japan)  
AISIN SEIKI CO LTD [000001] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-135114 [JP 97135114]

FILED: May 26, 1997 (19970526)

ABSTRACT

... completing ascent control or descent control at the lapse time point of a fixed delay time, after deviation between the vehicle level on a vehicle position and target vehicle height becomes under a fixed value, and evaluating the fixed delay time based on sprung weight movement...

... vehicle height control, vehicle height control beginning on one wheel position is executed until a fixed delay time elapses after the vehicle height level on the wheel position enters target vehicle height width. Evaluation of this delay...

22/3,K/33 (Item 14 from file: 347)

DIALOG(R) File 347:JAPIO

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05887204 \*\*Image available\*\*

ESTIMATION SYSTEM FOR REPAIR CHARGES FOR VEHICLE

PUB. NO.: 10-170304 [JP 10170304 A]

PUBLISHED: June 26, 1998 (19980626)

Search Report from Ginger R. DeMille

INVENTOR(s): SAKAI MICHIMOTO  
APPLICANT(s): TSUBASA SYST KK [489446] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 08-328935 [JP 96328935]  
FILED: December 09, 1996 (19961209)

ESTIMATION SYSTEM FOR **REPAIR** CHARGES FOR **VEHICLE**

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an estimation system by which **repair** charges for a **vehicle** can be estimated precisely, objectively, quickly and easily by a method wherein a damaged part...

... are computed, and a computed result is displayed on the means 5. Consequently, the man- **hour** of an **estimation** is reduced sharply, and **repair** charges for the **vehicle** can be **estimated** quickly and properly.

22/3,K/34 (Item 15 from file: 347)

DIALOG(R) File 347: JAPIO  
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05820002 \*\*Image available\*\*  
CONSTANT SPEED RUNNING DEVICE OF AUTOMOBILE

PUB. NO.: 10-103102 [JP 10103102 A]  
PUBLISHED: April 21, 1998 (19980421)  
INVENTOR(s): MIYAGUCHI YASUYUKI  
OKUBO MINORU  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-251190 [JP 96251190]  
FILED: September 24, 1996 (19960924)

ABSTRACT

...SOLUTION: At a **fixed** speed running **time**, the **car** speed at the point of **time** of the **fixed** speed running set is set as a **target** car speed by a car speed control means 7. Then, the car speed in response...

22/3,K/35 (Item 16 from file: 347)

DIALOG(R) File 347: JAPIO  
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05054015 \*\*Image available\*\*  
**FIXED** TIME DRIVE CONTROLLER FOR **VEHICLE**

PUB. NO.: 08-009515 [JP 8009515 A]  
PUBLISHED: January 12, 1996 (19960112)  
INVENTOR(s): KIMURA AKIRA  
TAKAHASHI YOJI  
UCHIYAMA TOYOHARU  
TANAKA TOYOJI  
FUKAMI KENICHI  
SUZUKI HIROSHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
CENTRAL JAPAN RAILWAY CO [491659] (A Japanese Company or Corporation), JP (Japan)

Search Report from Ginger R. DeMille

HITACHI TECHNO ENG CO LTD [419434] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-160668 [JP 94160668]  
FILED: June 20, 1994 (19940620)

**FIXED TIME DRIVE CONTROLLER FOR VEHICLE**

ABSTRACT

...CONSTITUTION: A **fixed time** drive controller 1 sets a **target** traveling **time** 9 between stations from a traveling time setter 2 before starting of a vehicle from...

22/3,K/36 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

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05002071 \*\*Image available\*\*  
HEADREST TIMER

PUB. NO.: 07-294671 [JP 7294671 A]  
PUBLISHED: November 10, 1995 (19951110)  
INVENTOR(s): NARISAWA SHIGERU  
APPLICANT(s): IRISAWA CHISHIRO [000000] (An Individual), JP (Japan)  
APPL. NO.: 06-121663 [JP 94121663]  
FILED: April 25, 1994 (19940425)

ABSTRACT

...A fixing stand for the timer is fixed on the support of a headrest of **car** seat with a **fixing** metal and screws. After **setting** a **time** of alarming in the timer with alarm, a hook of the timer with alarm is...

22/3,K/37 (Item 18 from file: 347)

DIALOG(R)File 347:JAPIO

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04987484 \*\*Image available\*\*  
LOCKUP CONTROL METHOD OF AUTOMATIC TRANSMISSION

PUB. NO.: 07-280084 [JP 7280084 A]  
PUBLISHED: October 27, 1995 (19951027)  
INVENTOR(s): SETOGUCHI MANABU  
APPLICANT(s): DAIHATSU MOTOR CO LTD [000296] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-093776 [JP 9493776]  
FILED: April 06, 1994 (19940406)

ABSTRACT

... the non-operation territory of the lockup means in usual running, when the rate of **vehicle** speed over **setting** in a **fixed time** is over a prescribed value...

22/3,K/38 (Item 19 from file: 347)

DIALOG(R)File 347:JAPIO

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04851956 \*\*Image available\*\*  
RUNNING CONTROL DEVICE FOR VEHICLE

2027-Aug-0405:28 PM

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PUB. NO.: 07-144556 [JP 7144556 A]  
PUBLISHED: June 06, 1995 (19950606)  
INVENTOR(s): KATAYAMA KAZUYORI  
NAITO YASUO  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-296844 [JP 93296844]  
FILED: November 26, 1993 (19931126)

ABSTRACT

... a microphone 2, the controller 8 stores the present car speed in this point of **time** as the target car speed, to calculate a control quantity so as to perform **fixed time** running at the **target car** speed hereafter. When 'cancel' is indicated, the controller 8 cancels control.

22/3,K/39 (Item 20 from file: 347)

DIALOG(R)File 347:JAPIO

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04788853 \*\*Image available\*\*  
SWITCH OF DRIVING CONTROLLER FOR AUTOMOBILE

PUB. NO.: 07-081453 [JP 7081453 A]  
PUBLISHED: March 28, 1995 (19950328)  
INVENTOR(s): KISHI MAKOTO  
HAYAFUNE KAZUYA  
WATANABE TAKESHI  
APPLICANT(s): MITSUBISHI MOTORS CORP [351404] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-232986 [JP 93232986]  
FILED: September 20, 1993 (19930920)

ABSTRACT

... an increase/decrease switch 53 is thrown into (+) side at a constant speed driving mode, **fixed vehicle** speed is added to **vehicle** speed VS which is preset at a preset vehicle speed presetting part, so that the preset vehicle speed VS increases. Each time the switch is thrown into (-) side, the **fixed vehicle** speed is decreased from the vehicle speed, VS, and the preset vehicle speed VS decreases...  
... vehicle distance computation part, so that a target vehicle-to-vehicle distance DO decreases. Each **time** the switch is thrown into (-) side, the **fixed time** T1 is added to the **time** T1, and the **target** vehicle-to-vehicle distance DO increases.

22/3,K/40 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

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04691404 \*\*Image available\*\*  
FUEL OIL LOW TEMPERATURE FLUIDITY EVALUATING DEVICE FOR DIESEL ENGINE

PUB. NO.: 07-012004 [JP 7012004 A]  
PUBLISHED: January 17, 1995 (19950117)  
INVENTOR(s): TORII NAOKI  
APPLICANT(s): TORII NAOKI [000000] (An Individual), JP (Japan)  
APPL. NO.: 05-174724 [JP 93174724]

2127-Aug-0405:28 PM

Search Report from Ginger R. DeMille

FILED: June 21, 1993 (19930621)

ABSTRACT

...CONSTITUTION: A ~~light~~ oil injection amount respectively at idling in the case of actual **car** running and at acceleration and **fixed** speed **time** is left as previously measured, and an injection **target** amount in accordance with the measured amount is left as set to an injection amount ...

22/3,K/41 (Item 22 from file: 347)

DIALOG(R) File 347:JAPIO

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04587539 \*\*Image available\*\*

ESTIMATING SYSTEM FOR **REPAIR OF AUTOMOBILE**

PUB. NO.: 06-259439 [JP 6259439 A]

PUBLISHED: September 16, 1994 (19940916)

INVENTOR(s): KAMIGAKI TAKEO

KAMIGAKI KOJI

APPLICANT(s): II EE C KK [000000] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-347485 [JP 92347485]

FILED: December 28, 1992 (19921228)

JOURNAL: Section: P, Section No. 1843, Vol. 18, No. 659, Pg. 132,  
December 13, 1994 (19941213)

ESTIMATING SYSTEM FOR **REPAIR OF AUTOMOBILE**

ABSTRACT

...CONSTITUTION: At the **time** of executing an estimate for **repair** of an **automobile**, the **automobile** is divided into plural parts and a drawing of the blocked automobile is displayed on...  
... data column 42 successively with regard to the displayed work part, the cost related to **repair** of the **automobile** is calculated from this cost data.

22/3,K/42 (Item 23 from file: 347)

DIALOG(R) File 347:JAPIO

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04543234 \*\*Image available\*\*

PREPROCESSING METHOD FOR ON-VEHICLE PICTURE DATA TO BE RECOGNIZED

PUB. NO.: 06-215134 [JP 6215134 A]

PUBLISHED: August 05, 1994 (19940805)

INVENTOR(s): SATO ATSUSHI

SAIKI MITSUYOSHI

APPLICANT(s): AISIN SEIKI CO LTD [000001] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-007015 [JP 937015]

FILED: January 19, 1993 (19930119)

JOURNAL: Section: P, Section No. 1824, Vol. 18, No. 587, Pg. 25,  
November 10, 1994 (19941110)

ABSTRACT

PURPOSE: To easily adjust the position and inclination of a television

2227-Aug-0405:28 PM

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camera at the **time** of **fixing** the television camera to a **vehicle** by deciding the **setting** position or visual field of the television camera so that one part of its own...

22/3,K/43 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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03820466 \*\*Image available\*\*  
ANTI-SKID BRAKE DEVICE OF VEHICLE

PUB. NO.: 04-185566 [JP 4185566 A]

PUBLISHED: July 02, 1992 (19920702)

INVENTOR(s): ONAKA TORU

TSUYAMA TOSHIAKI

NOBUMOTO KAZUTOSHI

KURIHARA YOJI

APPLICANT(s): MAZDA MOTOR CORP [000313] (A Japanese Company or Corporation)  
, JP (Japan)

APPL. NO.: 02-313062 [JP 90313062]

FILED: November 19, 1990 (19901119)

JOURNAL: Section: M, Section No. 1326, Vol. 16, No. 503, Pg. 96,  
October 16, 1992 (19921016)

ABSTRACT

... body velocity when a maximum wheel velocity exceeds the pseudo car body velocity that is **estimated** last **time** by not less than a **fixed** value  
...

... maximum car wheel velocity exceeds the pseudo car body velocity of last time by a **fixed** value, current pseudo **car** body velocity is set by adding a fixed updating value which is smaller than the abovementioned **fixed** value, to the pseudo **car** body velocity of last time, prior to the updating operation.

22/3,K/44 (Item 25 from file: 347)

DIALOG(R)File 347:JAPIO

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03754156 \*\*Image available\*\*  
CONTROLLER FOR AUTOMATIC TRANSMISSION

PUB. NO.: 04-119256 [JP 4119256 A]

PUBLISHED: April 20, 1992 (19920420)

INVENTOR(s): KIYOUZUKA TAKAHIRO

APPLICANT(s): MAZDA MOTOR CORP [000313] (A Japanese Company or Corporation)  
, JP (Japan)

APPL. NO.: 02-235399 [JP 90235399]

FILED: September 04, 1990 (19900904)

JOURNAL: Section: M, Section No. 1293, Vol. 16, No. 374, Pg. 58,  
August 11, 1992 (19920811)

ABSTRACT

PURPOSE: To improve a **vehicle** operation performance by providing a **fixed** speed change step changing means which changes the speed change step setting of a speed change step **setting** means at the **time** of a speed change step **fixation** command according to the operation of a speed change step limiting means...

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22/3,K/45 (Item 26 from file: 347)

DIALOG(R)File 347:JAPIO

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03587500 \*\*Image available\*\*  
TRAFFIC FLOW MEASURING INSTRUMENT

PUB. NO.: 03-250400 [JP 3250400 A]  
PUBLISHED: November 08, 1991 (19911108)  
INVENTOR(s): NISHIYAMA KAZUTO  
APPLICANT(s): SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-045943 [JP 9045943]  
FILED: February 28, 1990 (19900228)  
JOURNAL: Section: P, Section No. 1308, Vol. 16, No. 50, Pg. 33, February 07, 1992 (19920207)

ABSTRACT

...in the case of the single vehicle lamp candidate, tracks the movement of the single **vehicle** lamp candidate at a **fixed setting time** interval periodically and judges that it is the parallel traveling vehicle of an adjacent lane...

22/3,K/46 (Item 27 from file: 347)

DIALOG(R)File 347:JAPIO

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03407735 \*\*Image available\*\*  
FIXED SPEED RUNNING CONTROL DEVICE

PUB. NO.: 03-070635 [JP 3070635 A]  
PUBLISHED: March 26, 1991 (19910326)  
INVENTOR(s): HARA KOJI  
ITO JUN  
APPLICANT(s): TOYOTA MOTOR CORP [000320] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-206082 [JP 89206082]  
FILED: August 09, 1989 (19890809)  
JOURNAL: Section: M, Section No. 1124, Vol. 15, No. 232, Pg. 5, June 13, 1991 (19910613)

ABSTRACT

... control valves (26, 27), an opening of the throttle valve 12 is adjusted. The actual **car** speed is increased by almost **fixed** acceleration during fixed speed running, when an acceleration control, in which a car speed after...

... which fixed speed running, after once release, is reset to a normal control by the **target** car speed at the **time** of releasing the **fixed** speed running, is transferred to the normal control, a rapid deceleration control of preset time...

22/3,K/47 (Item 28 from file: 347)

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03229926 \*\*Image available\*\*

METHOD FOR AUTOMATICALLY SETTING HEAVY EQUIPMENT

PUB. NO.: 02-205426 [JP 2205426 A]  
PUBLISHED: August 15, 1990 (19900815)  
INVENTOR(s): YAMANAGA JUNICHI  
KUNO MASAYA  
APPLICANT(s): HONDA MOTOR CO LTD [000532] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-021893 [JP 8921893]  
FILED: January 31, 1989 (19890131)  
JOURNAL: Section: M, Section No. 1042, Vol. 14, No. 499, Pg. 138, October 31, 1990 (19901031)

ABSTRACT

... battery, etc., from a preset table, to positioning on a set base for fastening and **fixing** at the **time** of automatically **setting** the battery, etc., on a car body...

... mechanisms 100, 200, 300 are operated to continuously carry out from positioning, conveyance in the **car** body to fastening and **fixing** automatically thereby. Namely, the mechanism 200 which grips the battery W1 is placed right above.

22/3,K/48 (Item 29 from file: 347)

DIALOG(R) File 347:JAPIO

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02733608 \*\*Image available\*\*

**FIXED** POSITION STOP CONTROLLER FOR CARRIER **TRUCK**

PUB. NO.: 01-031208 [JP 1031208 A]  
PUBLISHED: February 01, 1989 (19890201)  
INVENTOR(s): KITATANI KAZUO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 62-186545 [JP 87186545]  
FILED: July 28, 1987 (19870728)  
JOURNAL: Section: P, Section No. 874, Vol. 13, No. 215, Pg. 34, May 19, 1989 (19890519)

**FIXED** POSITION STOP CONTROLLER FOR CARRIER **TRUCK**

ABSTRACT

PURPOSE: To stop a carrier **truck** on a **fixed** position on the ground side without using a mechanical position correcting device by executing the inching traveling of the **truck** up to the **fixed** position by an inching command after allowing the truck to enter the detecting area of...

... decides the direction of inching correction by the polarity of a signal inputted from the **fixed** position detector 10. On the other hand, an inching command time **setting** part 14 detects the size of a shift from the **fixed** position of the **truck** and selects a proper time out of previously set inching command time in accordance with...

... output part 15 outputs a direction command and an inching command appropriate for stopping the **truck** on the **fixed** position for a traveling controller 2 for a fixed period to execute the inching traveling



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22/3,K/49 (Item 30 from file: 347)

DIALOG(R) File 347:JAPIO

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01878837 \*\*Image available\*\*

STEADY SPEED DRIVING DEVICE FOR CAR

PUB. NO.: 61-092937 [JP 61092937 A]

PUBLISHED: May 10, 1986 (19860510)

INVENTOR(s): TOMOSHIGE HIDEKI

APPLICANT(s): FUJITSU TEN LTD [421134] (A Japanese Company or Corporation),  
JP (Japan)

APPL. NO.: 59-213065 [JP 84213065]

FILED: October 11, 1984 (19841011)

JOURNAL: Section: M, Section No. 517, Vol. 10, No. 270, Pg. 23,  
September 13, 1986 (19860913)

ABSTRACT

PURPOSE: To diminish car speed undershoot fluctuations by starting normal duty ratio control after **setting** the duty ratio at the maximum level for a **fixed time** when a newly stored **car** speed after override is faster than the originally stored speed by more than a fixed...

...deviation be tween a car speed detected by a speed sensor 2 and a stored **car** speed **fixed** and memorized through operation of a set switch 4. In this case, during override when...

... range, it is controlled in such a way that normal duty ratio control starts after **setting** me duty ratio at the maximum level for a **fixed time**.

22/3,K/50 (Item 31 from file: 347)

DIALOG(R) File 347:JAPIO

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00796877 \*\*Image available\*\*

FALSE RECOGNITION SIGNAL GENERATING APPARATUS

PUB. NO.: 56-117177 [JP 56117177 A]

PUBLISHED: September 14, 1981 (19810914)

INVENTOR(s): MATSUSHITA MASAHARU

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 55-021267 [JP 8021267]

FILED: February 21, 1980 (19800221)

JOURNAL: Section: P, Section No. 92, Vol. 05, No. 191, Pg. 152,  
December 05, 1981 (19811205)

ABSTRACT

... all times by generating the 2nd false recognition signal in a place delayed at a **fixed time** from the true **target** at the **time** of generating a signal for having distance false-recognized to the tracking radar, etc....

... tracking radar are inputted to a radio receiving circuit 12, and are

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stored for a **fixed** time as pulse **trains** in a memory circuit 13. At a time as required, these are transmitted to the...

... timing circuit 17b which generates the false recognition signal in a place delayed for a **fixed time** from the true **target** are provided to control the high-frequency switch 14. Hence, the tracking gate dismissed from...

?